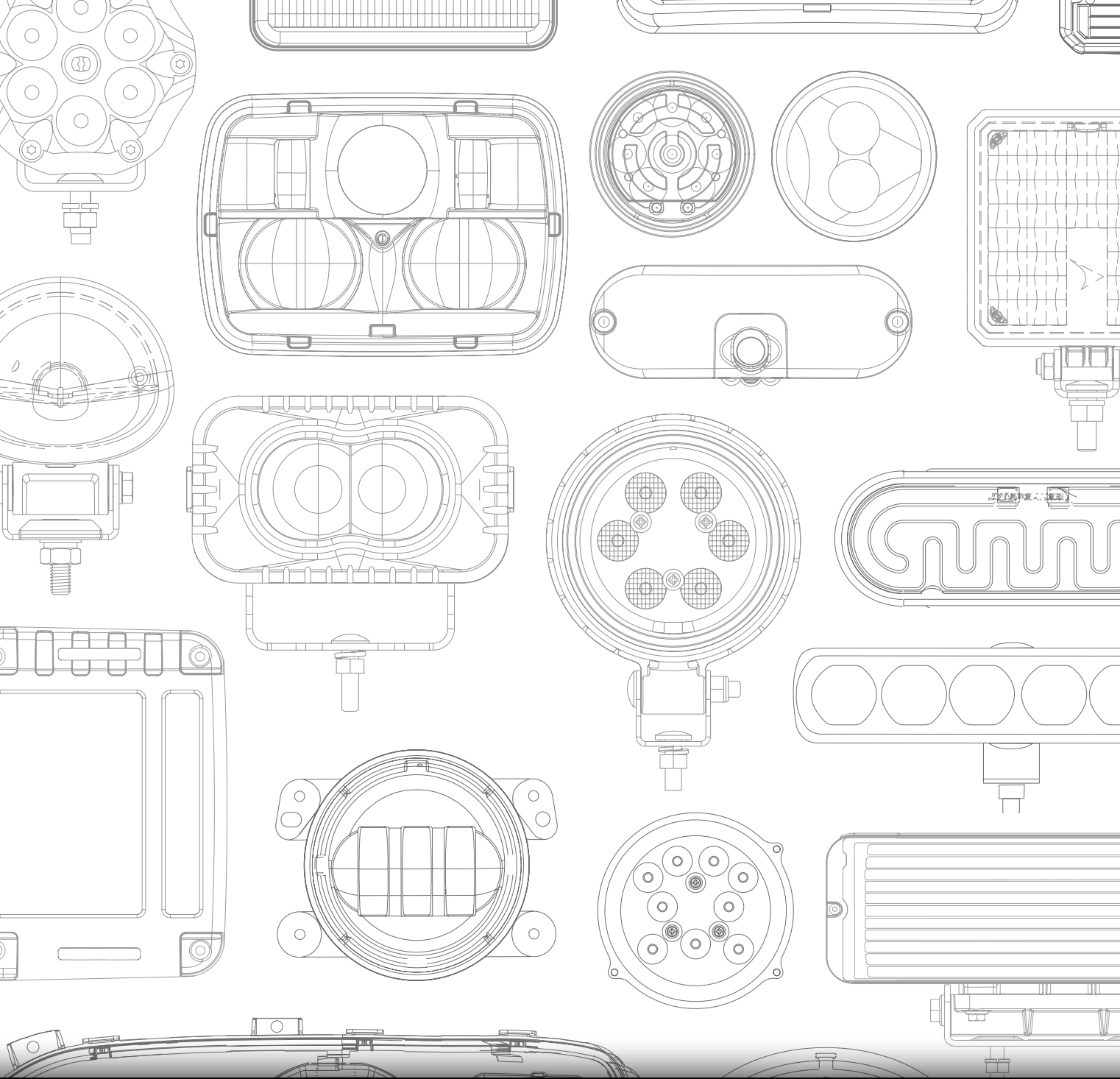


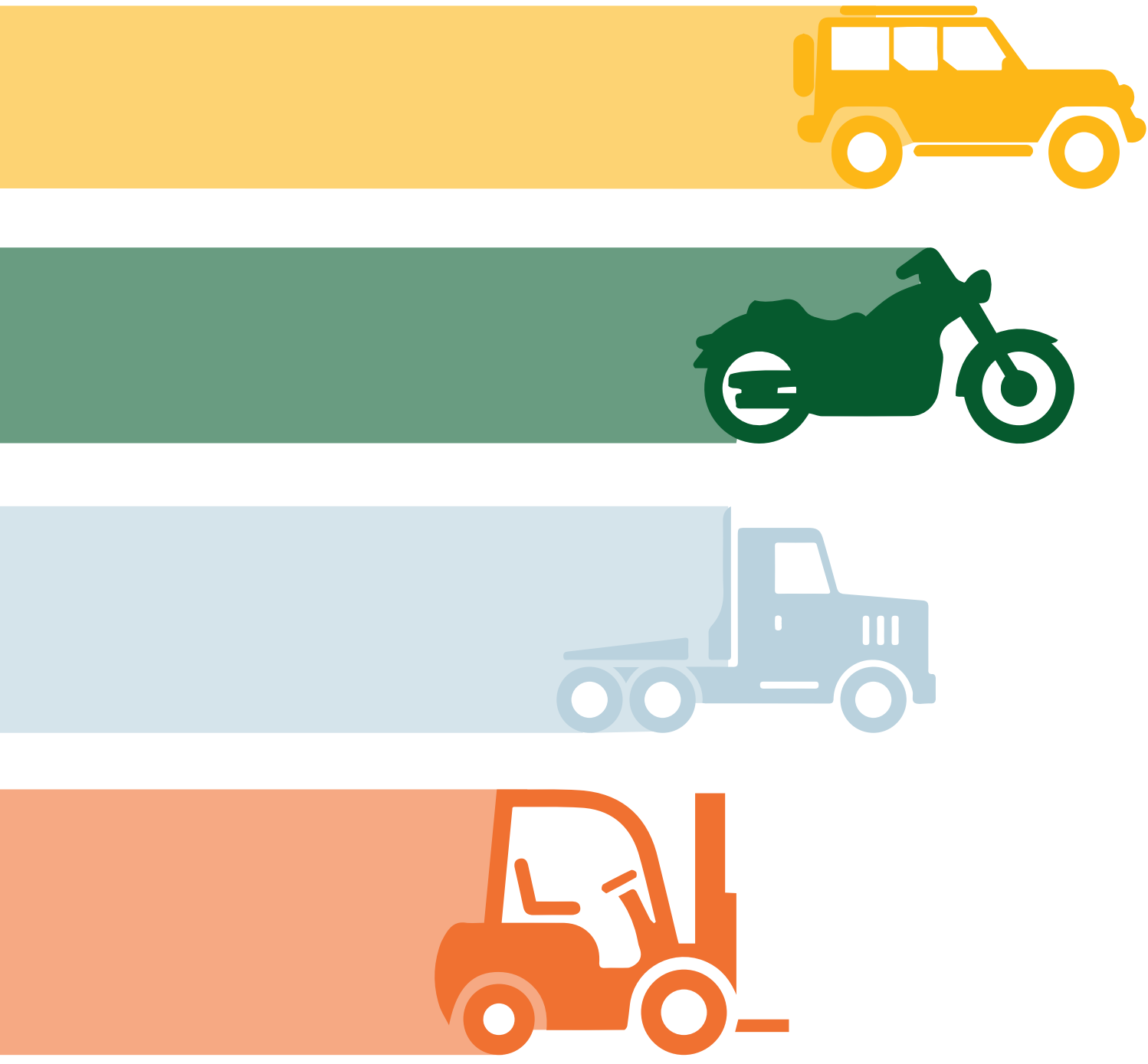
WORK LIGHT CATALOG

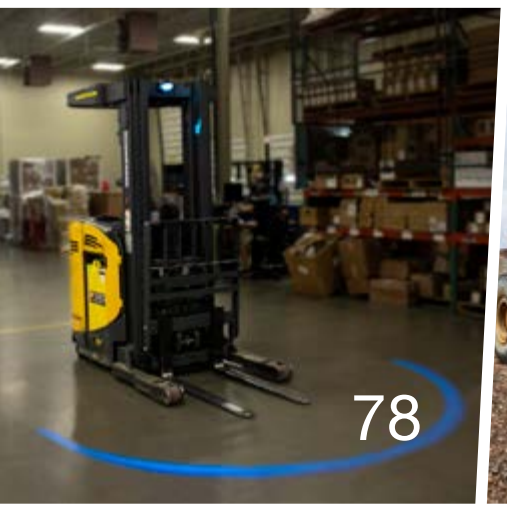
WORK LIGHT • WARNING • SMARTHEAT® • TURN & SIGNAL • INTERIOR

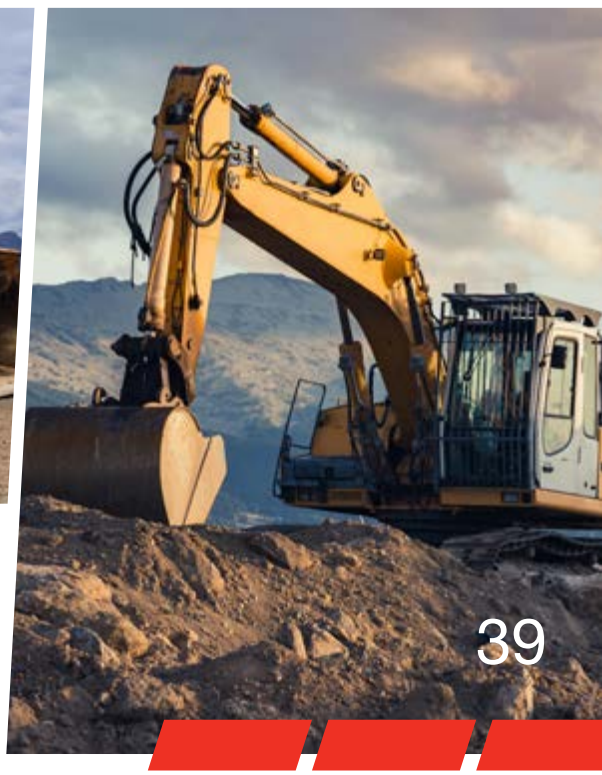
J.W. SPEAKER®
Engineered. Lighting. Solutions.

J.W. SPEAKER BRINGS SCIENCE & DESIGN TOGETHER.

We view vehicle lighting from the perspective that matters most — Yours. Our engineers advance the science of light further each day to improve your safety. Our designers make vehicles look more beautiful from every point of view. You only get this unique mix of **science & design** from authentic J.W. Speaker products.







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DRIVEN.
TO SEE MORE.

We recognize that in order to be the best, we must remain focused on developing innovative and high-quality vehicle lighting solutions that are second to none. We understand the need to constantly explore new and emerging technologies with the goal of providing better performance for our OEM and aftermarket customers.

A LEGACY OF INNOVATION

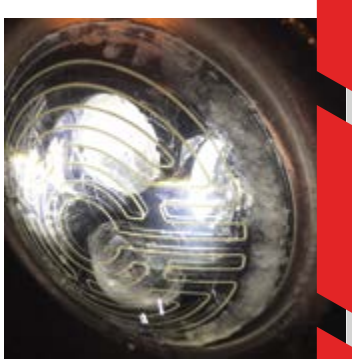
OEM ORIGINS AND AFTERMARKET ADVANCEMENT

A lot has changed since J.W. Speaker became the leader in LED lighting technology. Vehicles are sleeker. Lights are brighter.
And the world seems both larger — yet smaller — than ever before.

But some things remain the same. J.W. Speaker continues its commitment to innovative LED lighting systems. Established in scientific principles and revolutionary design — we're continuously striving for the next great discovery. We're still excited with every new product launch. We're still compelled to impress every customer. And we're still driven to see more.

We understand what's most important; J.W. Speaker engineers and designers transform the science of light into tangible real-world LED solutions to enhance every driving experience and keep you safer on the road. Because we manage everything — from conception to production — we can meet your exacting demands for performance, as well as our own for perfection.

ILLUMINATING THE FUTURE



1935 John W. Speaker founded the J.W. Speaker Corporation

1942 Designed and patented the iconic P-38 GI can openers

1951 Tools their first vehicle lighting products

1964 Introduces all-plastic clearance & marker lights with snap-fit lenses

1971 Introduces all-plastic clearance & marker lights with snap-fit lenses

1982 First production of custom-designed light bar for Ariens

2002 First LED headlight prototype developed

2011 Patent granted for first digital LED swiveling headlight

2012 Entered aftermarket with the first of it's kind 7" round LED headlight for Jeeps

2015 Launched the world's first Adaptive® Headlight

2017 Launched SmartHeat® technology

2019 Released EVO J3™ headlight and Trail 6™ off-road light

2020 Released 9600 Peterbilt POD LED headlight

2022 Released Model 93 5-in-1 90mm headlights

REGULATIONS

SURPASSING STANDARDS WORLDWIDE.

J.W. Speaker is committed to making the best products to be used legally on-road around the world. To do that, we design lights that meet and exceed the requirements for a variety of regulations:

The Federal Motor Vehicle Safety Standard regulates all automotive lighting, signaling, and reflective devices in the U.S.A. and is enforced by the Department of Transportation (**DOT**)

Many countries recognize the United Nations Economic Commission for Europe (**ECE**) Transport Division's regulations and mirror the ECE regulations in their own national requirements

SAE International develops standards for the engineering of powered vehicles mainly in the U.S.A. and Canada, including cars, trucks, boats, aircraft, and more

Transport Canada is responsible for developing regulations, policies, and services relating to transportation in Canada

The Australian Design Rules (**ADR**) are national standards for vehicle safety, anti-theft, and emissions

KEY TERMS

Daytime Running Light (DRL): Headlights that include DRL in their design will automatically switch on the daytime running light when the vehicle is moving forward, emitting a white light to increase the visibility of the vehicle during daylight conditions.

Front Position (FP): This part of a headlight provides added visibility of your vehicle to other drivers, particularly helpful for nighttime visibility while parked.

Left Hand Traffic (LHT): referring to which side of the road a driver uses. For instance, a driver in the UK is Left Hand Traffic and would use two LHT lights.

Right Hand Traffic (RHT): referring to which side of the road a driver uses. For instance, a driver in Canada is Right Hand Traffic would use two RHT lights.

LUMENS & BEAM PATTERNS

RAW LUMENS:

A measure of the **theoretical** output of a light

Calculated by multiplying the manufacturer's lumen rating for the LED by the number of LEDs in the finished light

Does not represent the actual light output as it doesn't account for thermal, assembly and optical losses that impact all lights

Example Calculation:
LED is rated at 100 Lumens
8 LEDs in the finished light
100 x 8 = 800 Raw Lumens

EFFECTIVE LUMENS:

A measure of the **actual** output of a light

Measured using a photometric testing device for an exact measurement of a finished light for an accurate value of light output

Represents the actual light output of the finished light after thermal, assembly and optical losses

Example Measurement:
Raw Lumens = 800
Losses = ~40% of Raw Lumens (800 x .4 = 320)
800 – 320 = 480 Effective Lumens

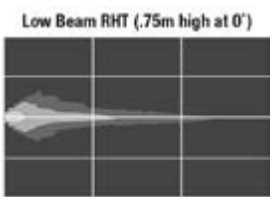
J.W. Speaker uses photometric testing devices and optical engineers to measure the Effective Lumens of our products to give you accurate light output values.

BEAM PATTERNS

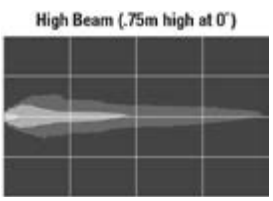
Each light pattern is designed and tested by optical engineers to give you the best possible beam pattern to drive behind.

Below are examples of the common beam patterns.

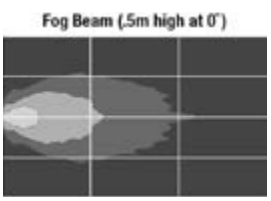
Our engineers design each product to project light in the areas you need it **and** comply with the legal requirements for on-road use in the countries the product is intended to be used in.



Illuminates across the road and ahead of the vehicle, with a cutoff to prevent glare for oncoming traffic



Bright light for distance illumination above and below the horizon, when not following or passing vehicles



Short and wide pattern to illuminate area just above the ground & in front of the vehicle

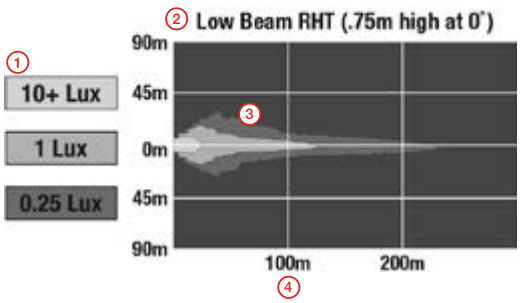
PARTS OF A LIGHT DIAGRAM

Lux Key[1]**:** Intensity of the light measured

Title[2]**:** The type of beam pattern, and the height and angle of the light when it was measured

Light Pattern[3]**:** A "bird's eye view" showing the shape, intensity, and distance

Distance Markers[4]**:** Reference in meters (m) for the size and distance of the light pattern



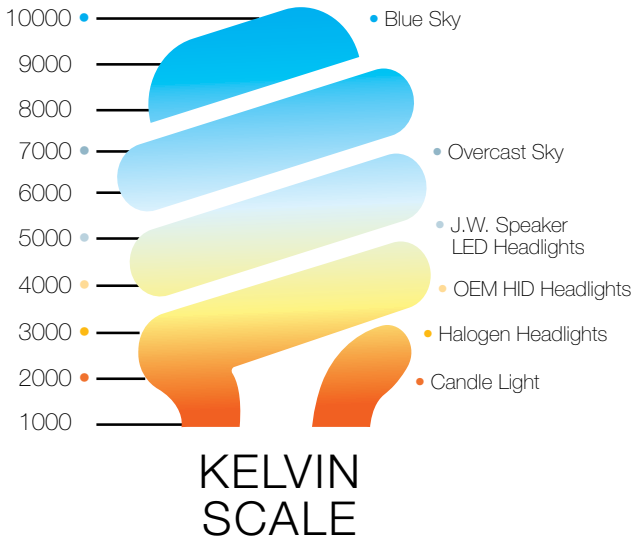
COLOR TEMPERATURE & IP RATINGS

Measured in degrees Kelvin, color temperature describes how cool or warm the light emitted by a source is. Any object will emit light if it is heated to a high enough temperature. The color of the light will change in a predictable way as the temperature increases, shown on the Kelvin Scale.

Warm: 0 to 3,000K
Used in living spaces or retail stores
Similar to the rising and setting sun
Can fatigue eyes and make people feel tired

Neutral White: 3,500 to 4,900K
Used in bathrooms, offices, classrooms & malls
Clean and neutral lighting that is inviting
Promotes efficiency and similar to daylight

Cool: 5,000-7,000K
Used in hospitals, manufacturing, & construction areas
Promotes alertness and attention to detail
Mimics daylight and makes people feel more awake



Color temperature does not measure or indicate the physical heat coming from a light source.

J.W. Speaker uses LEDs and designs lights with a color temperature of 5,000K to give drivers crisp, white light for the best visibility, and to promote alertness and safety.

IP RATINGS

The Ingress Protection (IP) Code outlines a system of classification for the protection of electrical enclosures against the intrusion of foreign bodies like tools, fingers, dust, and moisture. The system of classification was specified by the International Electrotechnical Commission and is officially designated as IEC 60529.

FIRST # - DEGREE OF INGRESS PROTECTION

The degree of protection against contact with moving parts and the degree that the equipment is protected against solid foreign bodies intruding into an enclosure.

IP #	DESCRIPTION
0	No protection provided.
1	Protection against entry of objects larger than 50 square mm.
2	Protection against entry of objects larger than 12 square mm.
3	Protection against entry of objects larger than 2.5 square mm.
4	Protection against entry of objects larger than 1.0 square mm.
5	Protection against entry of dust in sufficient quantity to prevent satisfactory operation.
6	Complete protection against entry dust.

SECOND # - DEGREE OF MOISTURE PROTECTION

The degree of protection for the equipment inside the enclosure against the harmful entry of various forms of moisture (e.g. dripping, spraying, submersion, etc.)

IP #	DESCRIPTION
0	No protection provided.
1	Protection against drops of water falling vertically.
2	Protection against drops of water falling vertically when the light assembly is tilted up to 15 degrees from its normal position.
3	Protection from entry of water spray from angle of up to 60 degrees from vertical.
4	Protection from entry of water splashes or spray from any direction.
5	Protection from a low pressure jet of water in any direction.
6	Protection against heavy seas or a strong jet of water in any direction.
7	Protection against immersion up to 1 meter.
8	Protection against submersion over 1 meter.
9K	Protection against high pressure cleaning

ICON GUIDE

Please utilize the Icon Guide as a reference to see which market(s) apply to our products. If a product has a market application icon, it fits one or more vehicles within that market. To view the full list of applications for every product, please visit the corresponding model page on our website.

AUTOMOTIVE = A

JEEP 4X4 | PICKUP TRUCK | CLASSIC CAR

POWER SPORTS = P

MOTORCYCLE | UTV/ATV

TRANSPORT = T

HEAVY DUTY TRUCK | SPECIALTY VEHICLE | BUS | SNOW PLOW

INDUSTRIAL = I

AGRICULTURE | CONSTRUCTION | MATERIAL HANDLING | MINING | RAIL | MARINE

WORK LIGHTS

Products featured: Model 526 Dual White, Model 623, and Model 785

TAB

Product Specifications

Raw Lumen Output:
1,500

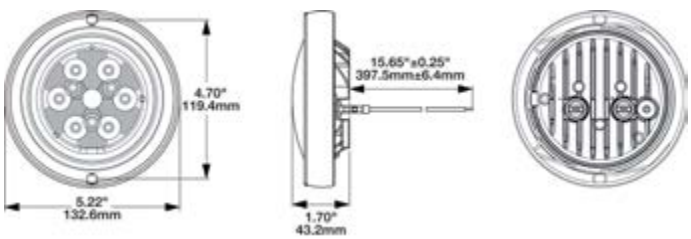
Effective Lumen Output:
1,070

Connector/Wiring:
11" Bare Leads

Operating Voltage:
10-60V DC

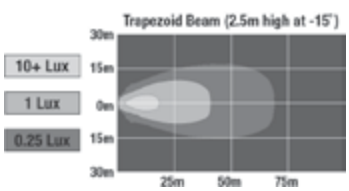
Current Draw:
1.04A @ 12V DC; 0.5A @ 24V DC;
0.33A @ 36V DC; 0.26A @ 48V DC

Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
0942431	12-48V LED Work Light with Trapezoid Beam Pattern



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⚠**AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Raw Lumen Output:
1,700

Effective Lumen Output:
1,000

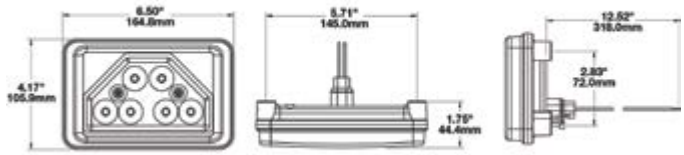
Connector/Wiring:
Integrated 2-Pin Deutsch Weather-Proof Socket (DT04-2P)

Mating Connector:
2-Pin Deutsch Weather-Proof Plug (DT06-2S)

Operating Voltage:
9-32V DC

Current Draw:
1.6A @ 12V DC; 0.8A @ 24V DC

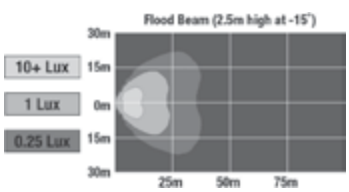
Standards & Application:

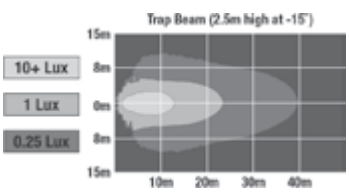


RUBBER MOUNT

SINGLE WORK LIGHTS

PART #	DESCRIPTION
1300281	12-24V LED Flood Beam Pattern & Low Profile Mount
1300271	12-24V LED Trapezoid Beam Pattern & Low Profile Mount
1300392	12-24V LED Trapezoid Beam Pattern & Rubber Shock Mount





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MODEL
523

Product Specifications

Raw Lumen Output:
8,100

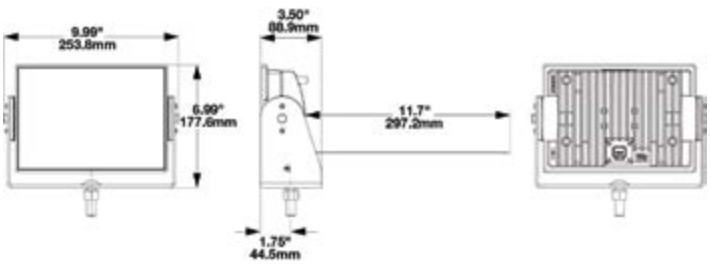
Effective Lumen Output:
3,900

Connector/Wiring:
Integrated 2-Pin Deutsch Connector (DT04-2P)

Operating Voltage:
12-24V DC

Current Draw:
6.70A @ 12V DC; 3.70A @ 24V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	HOUSING	DESCRIPTION
0551431	Black	12-24V LED with Medium Flood Beam Pattern
0551441	Black	12-24V LED with Narrow Flood Beam Pattern
0551451	Black	12-24V LED with Wide Flood Beam Pattern
0549641	Yellow	12-24V LED with Narrow Flood Beam Pattern
0549631	Yellow	12-24V LED with Wide Flood Beam Pattern
0543881	Black	12-24V LED with Wide Flood Beam Pattern
0557911	Black	24V LED with Narrow Flood Beam Pattern
0557921	Black	24V LED with Medium Flood Beam Pattern
0557931	Black	24V LED with Wide Flood Beam Pattern

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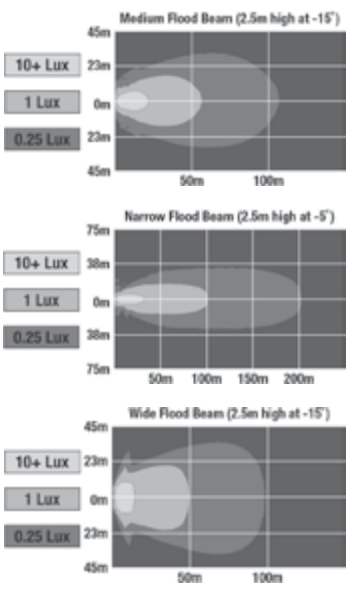


DUAL WHITE

Product Specifications

Raw Lumen Output:
9,000
Dual White: 9,900 (cool), 7,500 (warm)

Effective Lumen Output:
5,800
Dual White: 3,464 (cool), 3,390 (warm)

Candela Output:
Dual White: 4,488 (cool), 4,508 (warm)

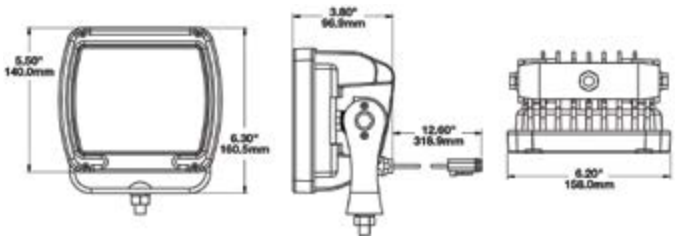
Connector/Wiring:
iCONN Connector - iMATE23

Operating Voltage:
10-32V DC

Current Draw:
9.00A @ 12V DC; 5.00A @ 24V DC

Standards & Application:

TRAP BEAM



SINGLE WORK LIGHTS

PART #	HOUSING	DESCRIPTION
1300571	Yellow	24V Dual White Anti-Glare Pattern w/ Polycarbonate Lens
1300641	Black	24V Dual White Anti-Glare Pattern w/ Polycarbonate Lens
1300581	Black	24V Flood Beam Pattern w/ Polycarbonate Lens
1300591	Black	24V Trapezoid Beam Pattern w/ Polycarbonate Lens
1300601	Black	24V Anti-Glare Beam Pattern w/ Polycarbonate Lens

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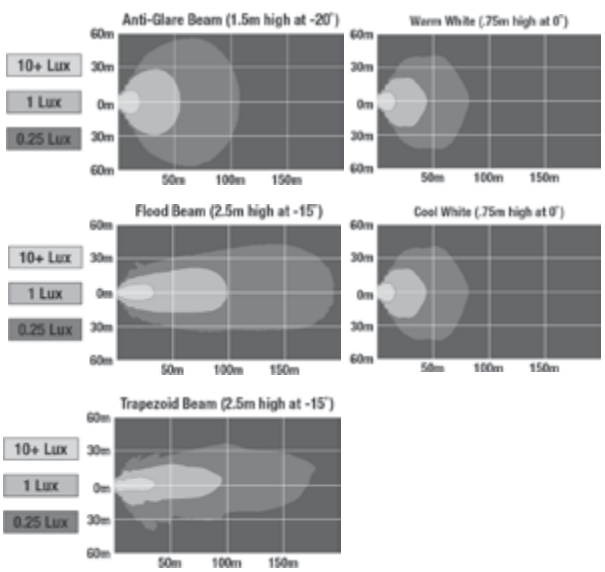


Product Specifications

Raw Lumen Output:
2,400

Effective Lumen Output:
1,500

Candela Output:
2,800

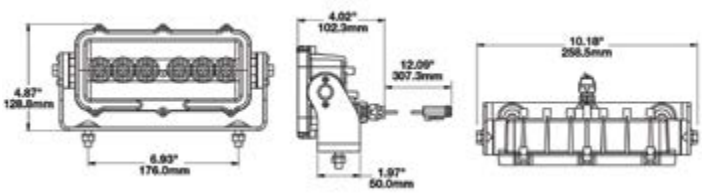
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
10-32V DC

Current Draw:
1.60A @ 12V DC; 0.85A @ 24V DC

Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
0551251	12-24V LED White Work Light

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Product Specifications

Effective Lumen Output:
1,506

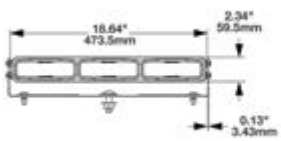
Connector/Wiring:
Deutsch DT04-3P

Mating Connector:
Deutsch DT06-3S

Operating Voltage:
9-33V DC

Current Draw:
Steady On: 3.90A @ 12V DC; 2.90A @ 24V DC
Flashing: 3.90A @ 12V DC; 2.90A @ 24V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1300771	12-24V LED Super Wide Auxiliary Light

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Product Specifications

Raw Lumen Output:
Single: 40,000
Kit: 33,600

Effective Lumen Output:
Single: 20,000
Kit: 20,500

Operating Voltage:
Single: 16-60V
Kit: 100-277V DC

Current Draw:
Single: 10A @ 24V DC; 5A @ 48V DC
Kit: 4A @ 115V AC

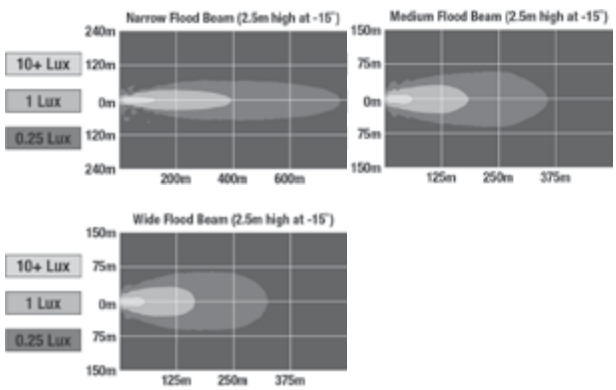
Standards & Application:

KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
0556173	100-277V LED w/ Narrow Flood Beam Pattern - Kit of 2
0556183	100-277V LED w/ Medium Flood Beam Pattern - Kit of 2
0556193	100-277V LED w/ Wide Flood Beam Pattern - Kit of 2

SINGLE WORK LIGHTS

PART #	DESCRIPTION
0546681	16-60V LED w/ Medium Flood Beam Pattern
0546671	16-60V LED w/ Narrow Flood Beam Pattern
0546691	16-60V LED w/ Wide Flood Beam Pattern



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660

PANEL MOUNT

Product Specifications

Raw Lumen Output:
2,750

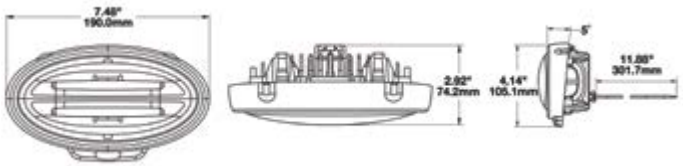
Effective Lumen Output:
2,200

Mating Connector:
Packard (#12059183)

Operating Voltage:
9-28V DC

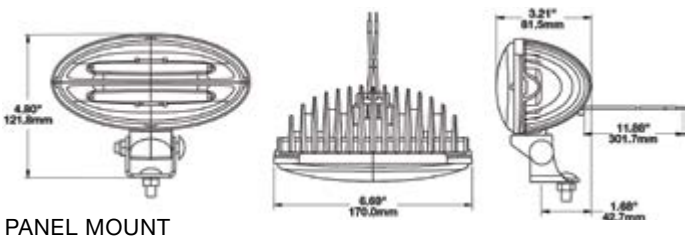
Current Draw:
2.0A @ 12VC DC; 1.0A @ 24V DC

Standards & Application:



PANEL MOUNT

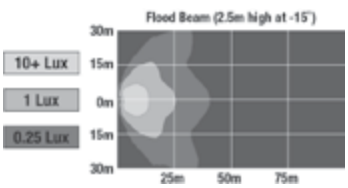
PEDESTAL MOUNT



PANEL MOUNT

SINGLE WORK LIGHTS

PART #	DESCRIPTION
0548511	12-24V LED Flood Beam Pattern & Pedestal Mount
0548521	12-24V LED Flood Beam Pattern & Panel Mount



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Product Specifications

Raw Lumen Output:
1,080

Effective Lumen Output:
780

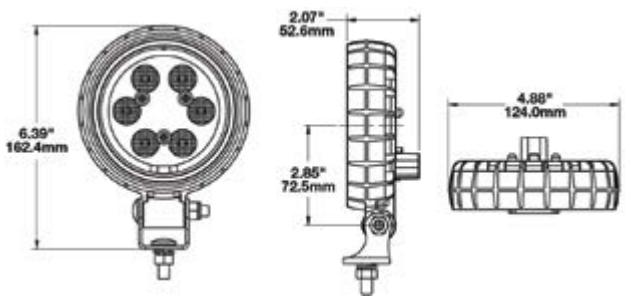
Connector/Wiring:
2-Pin Deutsch Weather-Proof Socket (DT04-2P)

Mating Connector:
2-Pin Deutsch Weather-Proof Plug (DT06-2S)

Operating Voltage:
10-30V DC

Current Draw:
Non-Heated: 1.3A @ 12V DC; 0.6A @ 24V DC
Heated: 2.1A @ 12V DC; 1.1A @ 24V DC

Standards & Application:



HEATED AMBER

HEATED SINGLE WORK LIGHTS

PART #	DESCRIPTION
1403471	12-24V LED Heated Work Light with Flood Beam Pattern
1403481	12-24V LED Heated Work Light with Spot Beam Pattern
1403491	12-24V LED Heated Amber Work Light with Flood Beam Pattern
1403501	12-24V LED Heated Amber Work Light with Spot Beam Pattern

NON-HEATED SINGLE WORK LIGHTS

PART #	DESCRIPTION
1403241	12-24V LED Work Light with Flood Beam Pattern
1403261	12-24V LED Work Light with Spot Beam Pattern
1403251	12-24V LED Work Light with Trapezoid Beam Pattern
1403291	12-110V LED Work Light with Flood Beam Pattern
1403281	12-110V LED Work Light with Spot Beam Pattern
1403271	12-110V LED Work Light with Trapezoid Beam Pattern

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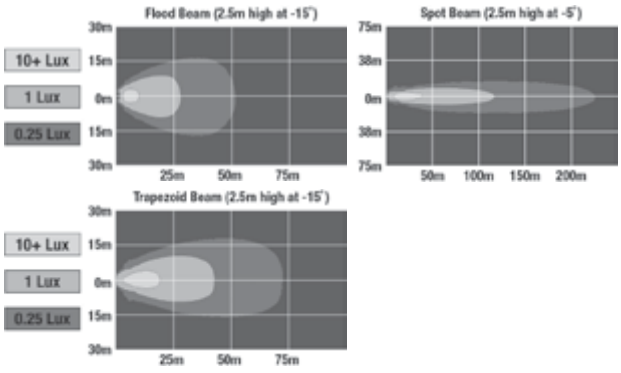
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights



680 XD

Product Specifications

Raw Lumen Output:
2,385

Effective Lumen Output:
1,260

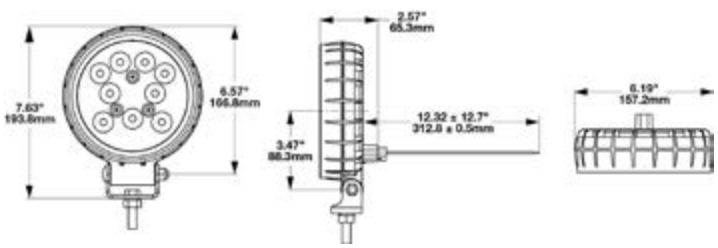
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
10-32V DC

Current Draw:
2A @ 12V DC; 1A @ 24V DC

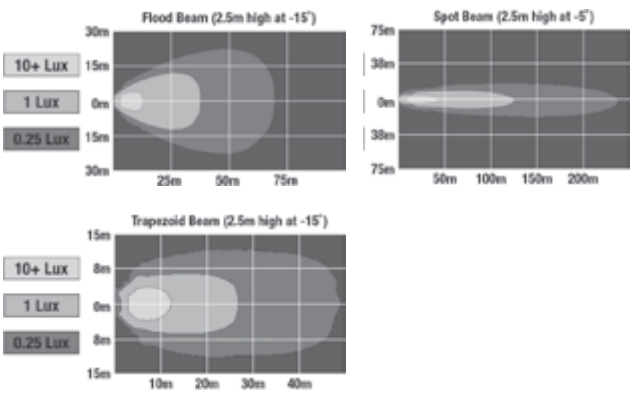
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1501641	12-24V LED Work Light with Flood Beam Pattern
1501661	12-24V LED Work Light with Spot Beam Pattern
1501651	12-24V LED Work Light with Trapezoid Beam Pattern

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit
8200121	Black Mount Kit for XD Series Work Lights



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Product Specifications

Raw Lumen Output:
3 LEDs: 1,630
6 LEDs: 2,000

Effective Lumen Output:
3 LEDs: 780
6 LEDs: 1,600

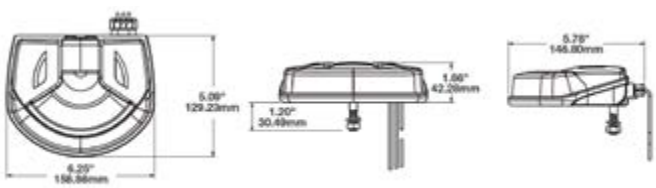
Connector/Wiring:
2-Pin: Integrated 2-Pin Deutsch
3-Pin: Integrated 3-Pin Packard

Mating Connector:
2-Pin: 2-Pin Deutsch Plug (DT06-2S)
3-Pin: Packard 12110293

Operating Voltage:
9-110V DC

Current Draw:
3 LEDs: 1.54A @ 12V DC; 0.67A @ 24V DC; 0.33A @ 60V DC; 0.20A @ 110V DC
6 LEDs: 1.59A @ 12V DC; 0.74A @ 24V DC; 0.34A @ 60V DC; 0.23A @ 110V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1000121	12-110V LED 2-Pin Warehouse Work Light w/ Vertical Flood Beam
1000101	12-110V LED 3-Pin Warehouse Work Light w/ Vertical Flood Beam

PART #	ACCESSORIES
8200501	Click Bond Stud Mounting Kit

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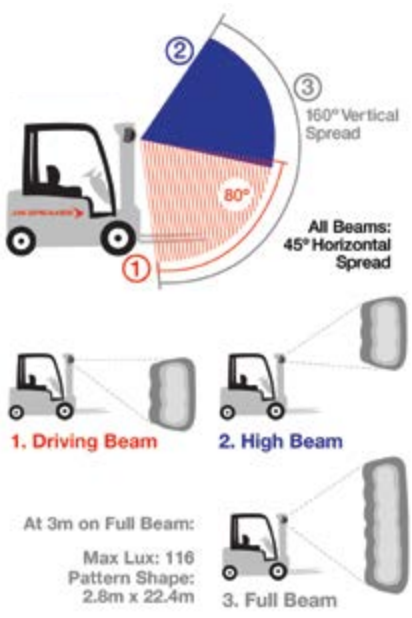


Product Specifications

Raw Lumen Output:
3,900

Effective Lumen Output:
Flood: 2,600-2,700; Spot: 2,600;
Trap: 2,700; Amber Trap: 1,000

Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

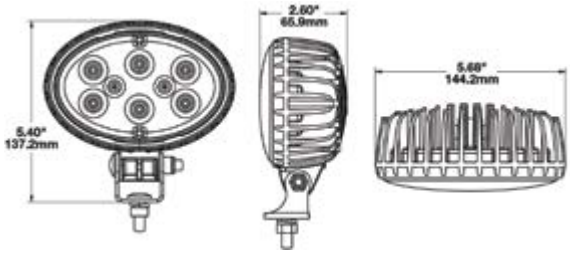
Mating Connector:
Integrated 2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
10-36V DC

Current Draw:
3.50A @ 12V DC; 1.75A @ 24V DC

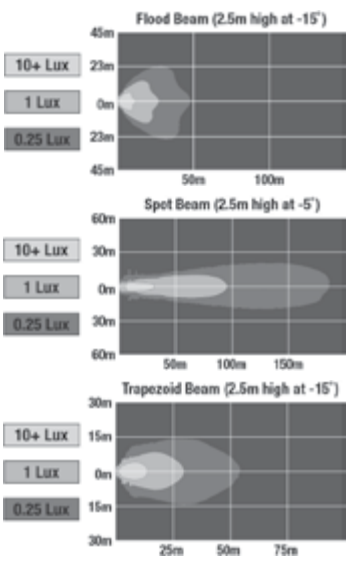
Standards & Application:

AMBER LENS



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1706591	12-24V LED Work Light Flood Beam Pattern
1706571	12-24V LED Work Light Spot Beam Pattern
1706581	12-24V LED Work Light Trapezoid Beam Pattern
1706801	12-24V LED Work Light Amber Lens & Trapezoid Beam Pattern
1706811	12-24V LED Work Light Trapezoid Beam Pattern with Connector PE12015792
1706821	12-24V LED Work Light Spot Beam Pattern with Connector PE12015792
1707031	12-24V LED Work Light Flood Beam Pattern with Connector PE12015792
1707041	12-24V LED Work Light Trapezoid Beam Pattern with Connector PE12015792
1707051	12-24V LED Work Light Spot Beam Pattern with Connector PE12015792
1707241	24V LED Work Light Flood Beam Pattern
1707251	24V LED Work Light Trapezoid Beam Pattern



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Product Specifications

Raw Lumen Output:
2,700

Effective Lumen Output:
1,400

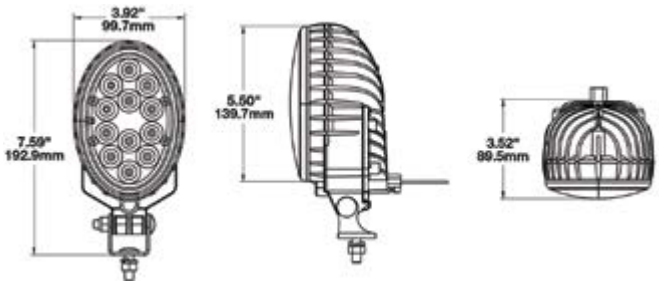
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
9-16V DC

Current Draw:
3.7A @ 12V DC

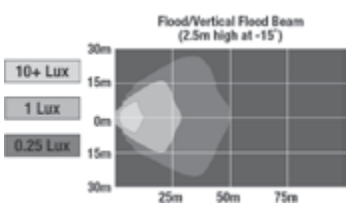
Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
1704911	12V LED Work Light with Vertical Flood Beam Pattern

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights and Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights



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770 XD

Product Specifications

Raw Lumen Output:
900

Effective Lumen Output:
700

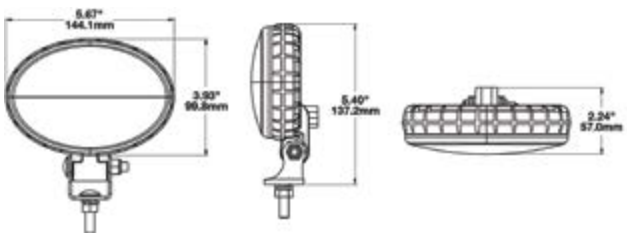
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P); PE12015792 Connector

Mating Connector:
Integrated 2-Pin Deutsch Socket (DT06-2S)

Operating Voltage:
10-15V; 10-55V DC

Current Draw:
1.00A @ 12V DC; 0.48A @ 24V DC; 0.32A @ 36V DC; 0.25A @ 48V DC

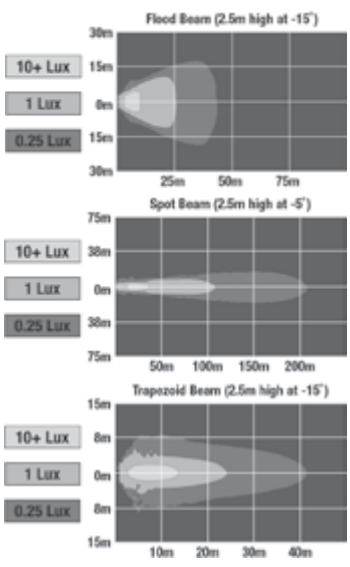
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1706041	12V LED Work Light with Flood Beam Pattern & DT04-2P Connector
1706051	12V LED Work Light with Trapezoid Beam Pattern & DT04-2P Connector
1706241	12-48V LED Work Light with Flood Beam Pattern & DT04-2P Connector
1706261	12-48V LED Work Light with Spot Beam Pattern & DT04-2P Connector
1706251	12-48V LED Work Light with Trapezoid Beam Pattern & DT04-2P Connector
1706461	12-48V LED Work Light with Flood Beam Pattern & PE12015792 Connector

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mount Kit for Work Lights for Work Lights & Marine Lights



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Product Specifications

Raw Lumen Output:
900

Effective Lumen Output:
700

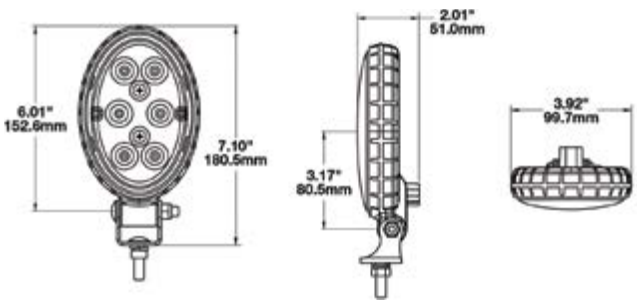
Connector/Wiring:
Integrated 2-Pin Deutsch Connector (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Connector (DT06-2S)

Operating Voltage:
10-55V DC

Current Draw:
1.00A @ 12V DC; 0.48A @ 24V DC;
0.33A @ 36V DC; 0.25A @ 48V DC

Standards & Application:



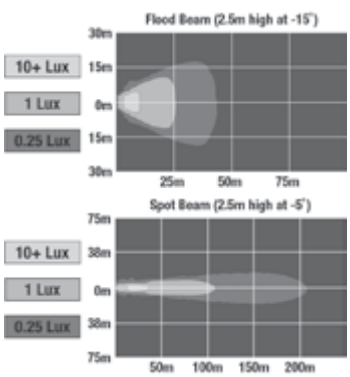
AMBER

FLOOD BEAM

SINGLE WORK LIGHTS

PART #	DESCRIPTION
1705911	12-48V LED Work Light with Flood Beam Pattern
1706191	12-48V LED Work Light with Spot Beam Pattern
1706171	12-48V LED Work Light with Vertical Flood Beam Pattern
1706221	12-24V LED Work Light with Amber Work Light

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights



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775 XD WORK & TURN LIGHT

Product Specifications

Raw Lumen Output:
1,110

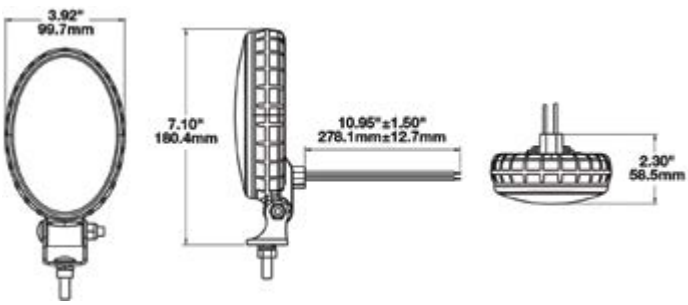
Effective Lumen Output:
620

Connector/Wiring:
4-Pin Deutsch Plug (DT04-2S)

Operating Voltage:
9-60V DC

Current Draw:
Work Light: 1.25A @ 12V DC; 0.56A @ 24V DC; 0.39A @ 36V DC; 0.30A @ 48V DC
Turn: 0.180A @ 12V DC; 0.100A @ 24V DC; 0.080A @ 36V DC; 0.070A @ 48V DC
Park: 0.015A @ 12V DC; 0.010A @ 24V DC; 0.010A @ 36V DC; 0.010A @ 48V DC

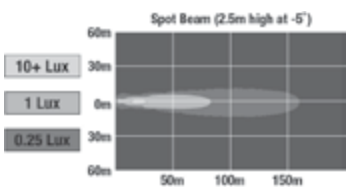
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1707191	12-48V Amber Clear LED with Flood Beam & Turn Signal
1707201	12-48V Amber Clear LED with Spot Beam & Turn Signal

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights



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778 XD BACKUP CAMERA LIGHT

Product Specifications

Effective Lumen Output:
576

Candela Output:
275

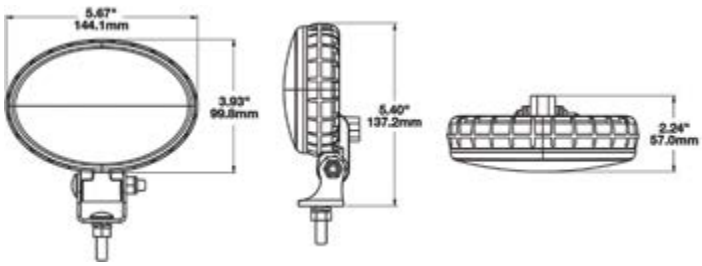
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Socket (DT06-2S)

Operating Voltage:
10-55V DC

Current Draw:
1.00A @ 12V DC; 0.48A @ 24V DC;
0.33A @ 36V DC; 0.25A @ 48V DC

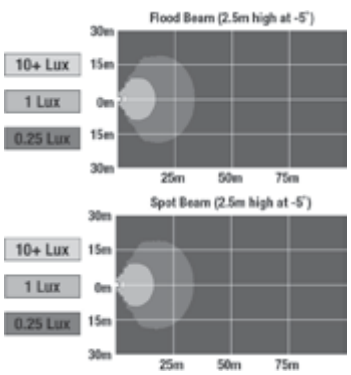
Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
1706721	12-48V SAE/ECE LED Backup Camera Light

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights



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783 XD

Product Specifications

Raw Lumen Output:
675

Effective Lumen Output:
485

Candela Output:
1,409

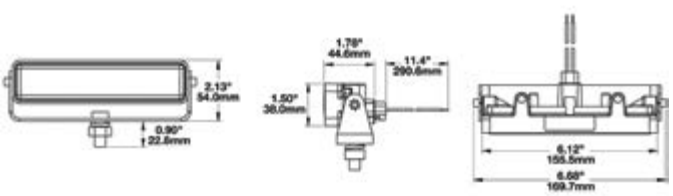
Connector/Wiring:
Integral DT04-2P

Mating Connector:
Deutsch DT06-2S

Operating Voltage:
9-60V DC

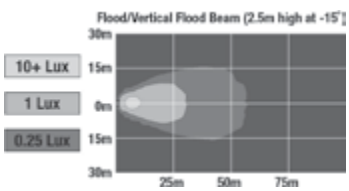
Current Draw:
1.00A @ 12V DC; 0.50A @ 24V DC;
0.30A @ 36V DC; 0.25A @ 48V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1603391	12-48V LED Flood Beam Pattern & Mounting Bracket
1603451	12-48V LED Vertical Flood Beam Pattern & Mounting Bracket



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Product Specifications

Raw Lumen Output:
1,242

Effective Lumen Output:
460

Candela Output:
1,380

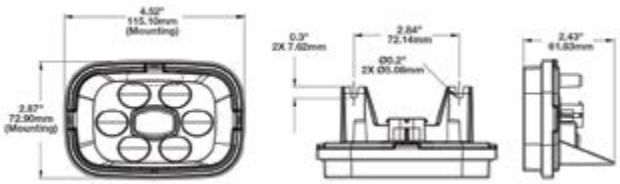
Connector/Wiring:
Integral connector

Mating Connector:
PE 12124819; PE 12020599

Operating Voltage:
9-16V DC

Current Draw:
1.2A @ 12V DC

Standards & Application:

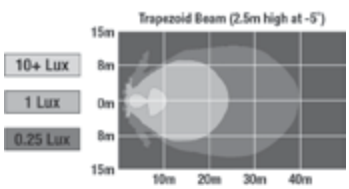


KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
0554213	12V LED Work Light with Trapezoid Beam Pattern - Kit of 2

SINGLE WORK LIGHT

PART #	DESCRIPTION
0554211	12V LED Work Light with Trapezoid Beam Pattern



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FLOOD BEAM

DRIVING BEAM

FOG BEAM

Product Specifications

Raw Lumen Output:
Driving & Flood: 1,820
Fog: 800

Effective Lumen Output:
Driving: 1,150
Flood: 1,200
Fog: 250

Candela Output:
Fog: 6,700

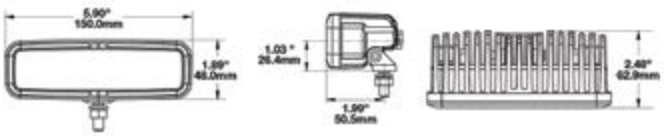
Connector/Wiring:
Integral DT04-2P

Mating Connector:
Deutsch DT06-2S

Operating Voltage:
Driving & Flood: 9-32V DC
Fog: 10-18V DC

Current Draw:
Driving & Flood: 1.27A @ 12V DC; 0.78A @ 24V DC;
Fog: 0.55A @ 12V DC; 1.10A @ 18V DC

Standards & Application:



KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
1603603	12V DOT/ECE LED Fog Light - Kit of 2

SINGLE WORK LIGHTS

PART #	DESCRIPTION
1603511	12-24V Driving Light
1603521	12-24V Driving Light with Flood Beam Pattern
1603601	12V DOT/ECE LED Fog Light

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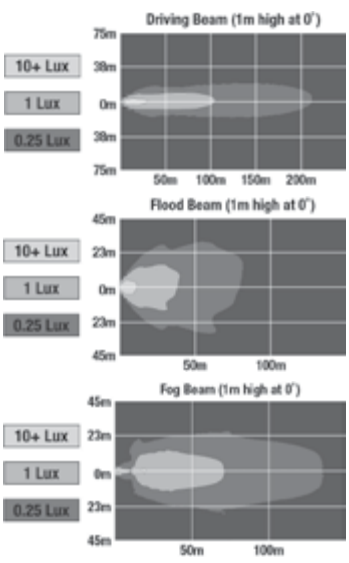


MODEL
791

792

PEDESTAL MOUNT

PANEL MOUNT

Product Specifications

Raw Lumen Output:
3,630

Effective Lumen Output:
2,000

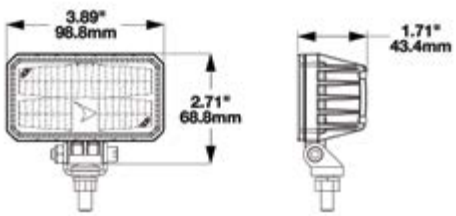
Candela Output:
2,900

Mating Connector:
JAE Connector MX19A003S51 harness included with flying leads

Operating Voltage:
9-30V DC

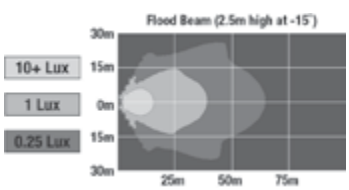
Current Draw:
2.2A @ 12V DC; 1.0A @ 24V DC;
0.75A @ 36V DC; 0.56A @ 48V DC;
0.34@ 80V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1603921	12/24V Compact LED Work Light with Pedestal Mount
1603951	12/24V Compact LED Work Light with Panel Mount
1603931	36/90V Compact LED Work Light with Pedestal Mount
1603971	36/90V Compact LED Work Light with Panel Mount



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Product Specifications

Raw Lumen Output:
495

Effective Lumen Output:
294

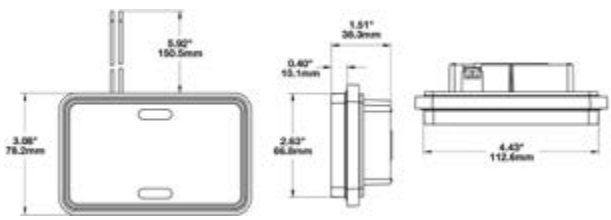
Connector/Wiring:
.25 Male Blade Term

Mating Connector:
.25 Female Blade Term

Operating Voltage:
10-60V DC

Current Draw:
0.00042A @ 12V DC; 0.00021A @ 24V DC;
0.00014A @ 36V DC; 0.00011A @ 48V DC;

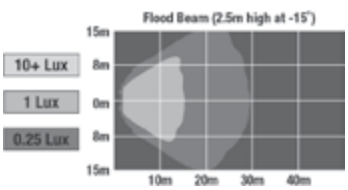
Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
0553841	12-48V LED Work Light with Flood Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Raw Lumen Output:
3,900

Effective Lumen Output:
2,400

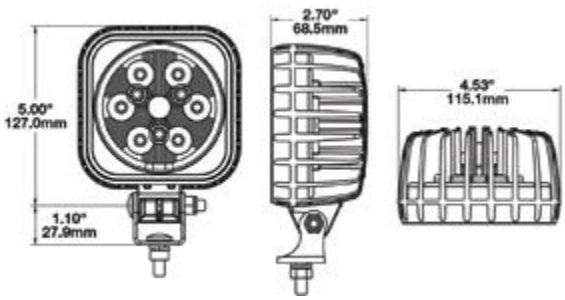
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
10-32V DC; 20-32V DC

Current Draw:
12-24V: 3.5A @ 12V DC; 1.75 @ 24V DC
24V: 1.6A @ 24V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1300181	12-24V LED Auxiliary Light with Flood Beam Pattern
1300161	12-24V LED Auxiliary Light with Spot Beam Pattern
1300171	12-24V LED Auxiliary Light with Trapezoid Beam Pattern
1300611	24V LED Auxiliary Light with Trapezoid Beam Pattern
1300621	24V LED Auxiliary Light with Flood Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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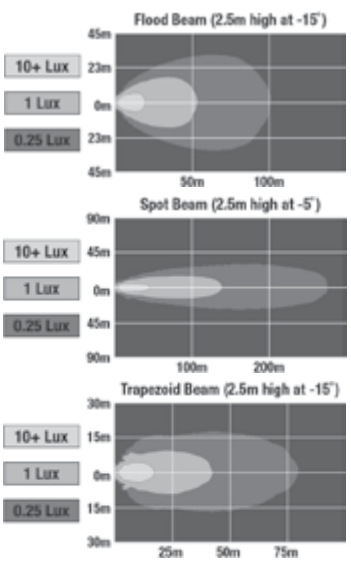


Product Specifications

Raw Lumen Output:
1,080

Effective Lumen Output:
780

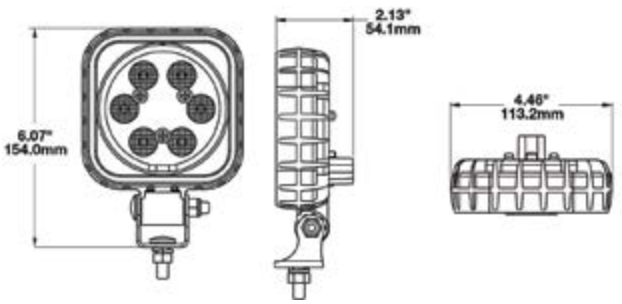
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
Integrated 2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
10-30V DC; 10-130V DC

Current Draw:
1.00A @ 12V DC; 0.50A @ 24V DC;
0.33A @ 36V DC; 0.25A @ 48V DC;
0.16A @ 80V DC; 0.13A @ 110V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1300001	12-24V LED Spot Beam Pattern
1300011	12-24V LED Trapezoid Beam Pattern
1300021	12-24V LED Flood Beam Pattern
1300031	12-110V LED Flood Beam Pattern
1300041	12-110V LED Spot Beam Pattern
1300091	12-110V LED Trapezoid Beam Pattern & Integrated AMP Connector
1300101	12-110V LED Trapezoid Beam Pattern & 2-Pin Deutsch Connector

SINGLE WORK LIGHTS FOR FORKLIFTS

PART #	DESCRIPTION
1300301	12-48V LED Right Hand Vertical Flood Beam Pattern
1300311	12-48V LED Left Hand Vertical Flood Beam Pattern
1300531	12-48V LED Left Hand Vertical Flood Beam Pattern (Lower Output)
1300541	12-48V LED Right Hand Vertical Flood Beam Pattern (Lower Output)

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mount Kit for Work Lights & Marine Lights

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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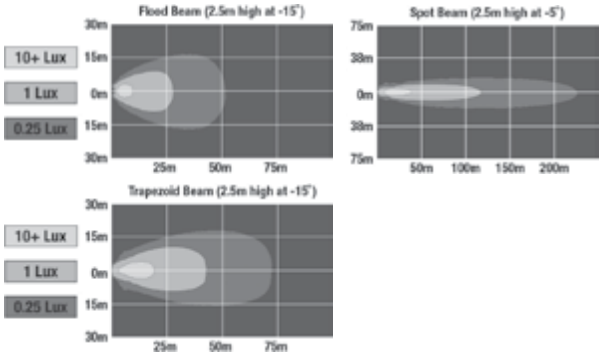


880 XD

Product Specifications

Raw Lumen Output:
1,680

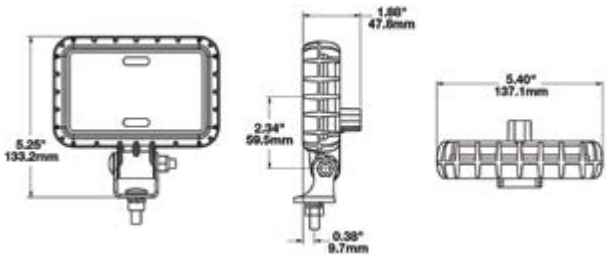
Effective Lumen Output:
Without On/Off Switch: 900
With On/Off Switch: 700

Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Operating Voltage:
9-32V DC

Current Draw:
1.30A @ 12V DC; 0.70A @ 24V DC

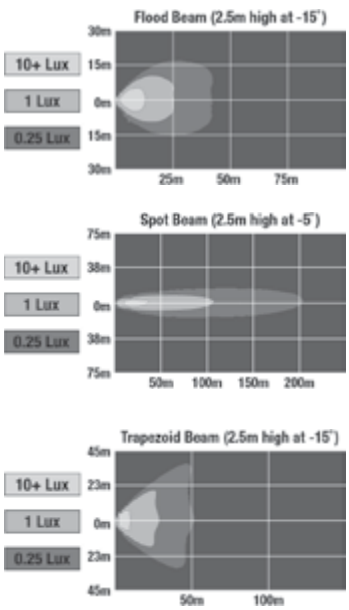
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1603261	12-24V LED Flood Beam Pattern
1603241	12-24V LED Spot Beam Pattern
1603251	12-24V LED Trapezoid Beam Pattern
1603331	12-24V LED Flood Beam Pattern & On/Off Switch
1603311	12-24V LED Spot Beam Pattern & On/Off Switch
1603321	12-24V LED Trapezoid Beam Pattern & On/Off Switch

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mount Kit for Work Lights & Marine Lights



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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Product Specifications

Raw Lumen Output:
6,372

Effective Lumen Output:
3,800

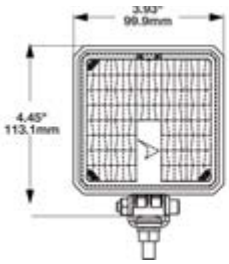
Candela Output:
5,839

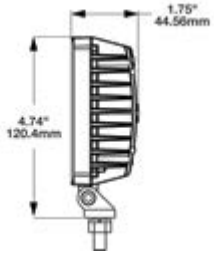
Mating Connector:
Deutsch DT06-2S-E003

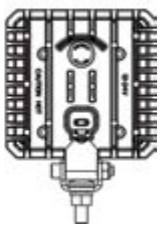
Operating Voltage:
9-30V DC

Current Draw:
4.38A @ 12V DC; 1.84A @ 24V DC

Standards & Application:

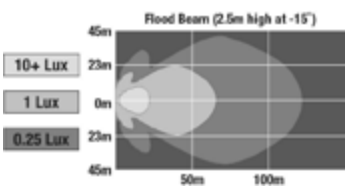






SINGLE WORK LIGHT

PART #	DESCRIPTION
1603961	12-24V LED Flood Work Light Pedestal Mount



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Raw Lumen Output:
7,120

Effective Lumen Output:
3,700

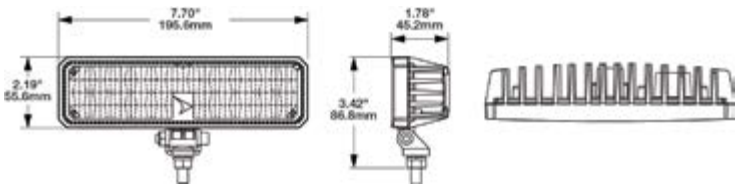
Candela Output:
6,230

Mating Connector:
Deutsch DT06-2S-E003

Operating Voltage:
12-24V DC

Current Draw:
4.5A @ 12V DC; 1.8A @ 24V DC

Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
1300671	12-24V LED Work Light with Pedestal Mount

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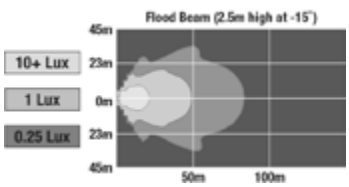


Product Specifications

Raw Lumen Output:
2,800

Effective Lumen Output:
1,160

Candela Output:
770

Mating Connector:
JAE MX19004S5

Operating Voltage:
12-24V DC

Current Draw:
Work Light: 1.24A @ 12V DC; 0.60A @ 24V DC
Backup: 0.17A @ 12V DC; 0.19A @ 24V DC

Standards & Application:

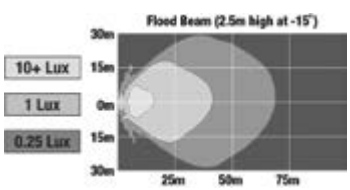
WORK LIGHT & BACKUP

WORK LIGHT

DIFFUSED WORK LIGHT

SINGLE WORK LIGHT

PART #	DESCRIPTION
0443601	12V LED Backup & Work Light with Flood Beam Pattern
1000161	12-24V LED Work Light with Flood Beam Pattern
1000171	12-24V LED Work Light with Flood Beam Pattern & Diffused Lens



PART #	ACCESSORIES
8200921	Pedestal Mount for Model 260 SAE and 905
8200931	Panel Mount for Model 260 SAE and 905

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MODEL
4415

Product Specifications

Raw Lumen Output:
Flood w/ Panel Mount: 3,220
All Other Lights: 2,450

Effective Lumen Output:
Flood w/ Panel Mount: 1,700
All Other Lights: 1,350

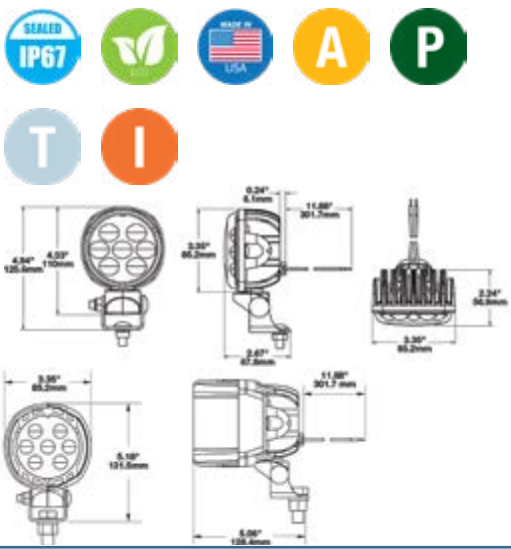
Connector/Wiring:
Packard# 12084167

Mating Connector:
Packard# 12059183

Operating Voltage:
10-32 V DC

Current Draw*:
2.20A @ 12V DC; 1.10A @ 24V DC;
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:



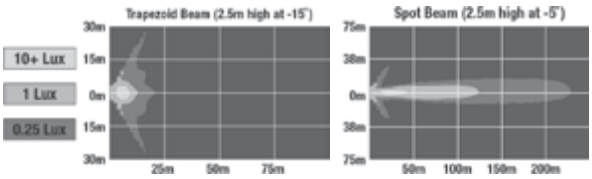
KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
0551753	12-24V LED Work Light with Spot Pattern with Side View Mirror Mount - Kit of 2
0559913	12-24V LED Work Light with Spot Pattern with Side View Mirror Mount with Camera - Kit of 2

SINGLE WORK LIGHTS

PART #	DESCRIPTION
0549841	12-24V LED Work Light with Trapezoid Pattern
0554201	12-110V LED Work Light with Trapezoid Pattern
0551001	12-24V LED Work Light with Spot Pattern
0555411	12-24V LED Work Light with Flood Pattern with Harness
0560341	12-24V LED Work Light with Flood Pattern with Panel Mount

PART #	ACCESSORIES
6600841	7" Split Screen Monitor
8200081	Relay/Switch Kit
6149203	A-Pillar Mounting Kit for Jeep JK
6149233	A-Pillar Mounting Kit for Jeep TJ
3271561	4 PIN M12 Cable, 10 m
3271571	M12-RCA Conversion Cable
3271581	4 PIN M12 Cable, 6 m
6600801	Color Monitor, 5", M12
8200491	Mounting Kit For Work Lights



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

4416

Product Specifications

Raw Lumen Output:
2,450

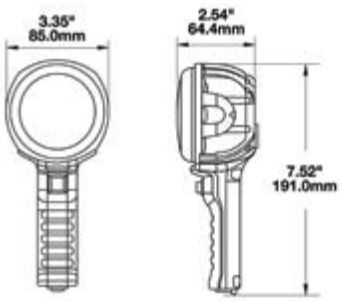
Effective Lumen Output:
1,350

Connector/Wiring:
Deutsch DT04-2P-E008

Operating Voltage:
9-16V DC

Current Draw:
2.20A @ 12V DC

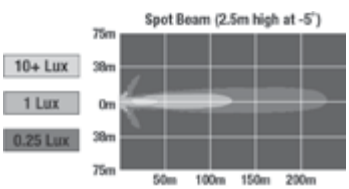
Standards & Application:



SINGLE WORK LIGHTS

PART #	HOUSING	DESCRIPTION
0552841	Black	12V Handheld with Spot Beam Pattern Kit
0554251	Camouflage	12V Handheld with Spot Beam Pattern Kit

PART #	ACCESSORIES
3269831	30' Power Cord with Battery Clips for Model 4416
3270801	Trailer Hitch Wire Harness for Model 4416
7042881	Handheld Light Magnet Mount for Model 4416



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Product Specifications

Raw Lumen Output:
2,450

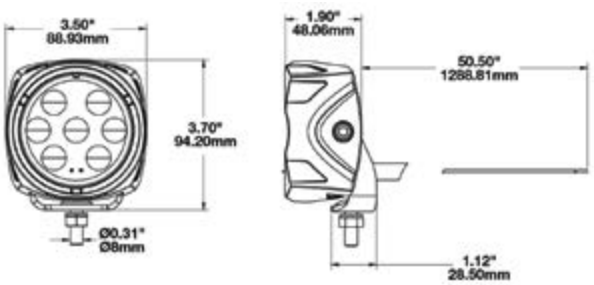
Effective Lumen Output:
1,300

Connector/Wiring:
Bare Leads

Operating Voltage:
9-16V DC

Current Draw:
2.17A @ 9V DC; 0.97A @ 16V DC

Standards & Application:



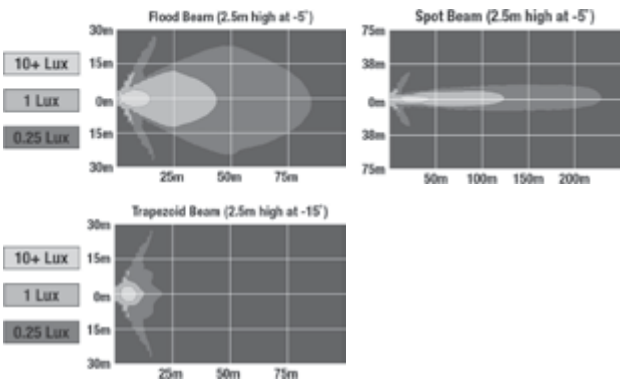
KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
0554863	12V LED Work Light with Spot Beam Pattern - Kit of 2
0554873	12V LED Work Light with Trapezoid Beam Pattern - Kit of 2
0555003	12V LED Work Light with Flood Beam Pattern - Kit of 2

SINGLE WORK LIGHTS

PART #	DESCRIPTION
0554861	12V LED Work Light with Spot Beam Pattern
0554871	12V LED Work Light with Trapezoid Beam Pattern
0555001	12V LED Work Light with Flood Beam Pattern

PART #	ACCESSORIES
6149203	A-Pillar Mounting Kit for Jeep JK
6149233	A-Pillar Mounting Kit for Jeep TJ



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6040

FLOOD BEAM

TRAPEZOID BEAM

SPOT BEAM

Product Specifications

Raw Lumen Output:
Flood: 1,390
Spot & Trapezoid: 1,050

Effective Lumen Output:
Flood: 1,020
Spot & Trapezoid: 770

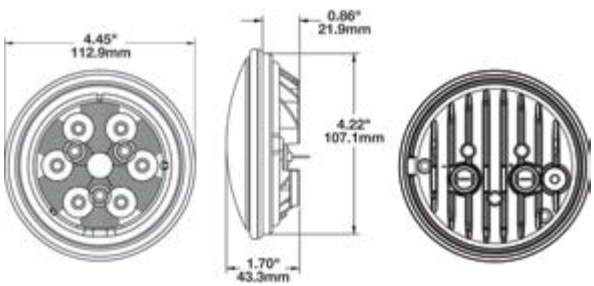
Connector/Wiring:
Blade Terminals (Ring Terminal Adaptors Provided)

Mating Connector:
0.25” Blade, #6 Ring Terminal, #8 Ring Terminal

Operating Voltage:
10-15V DC; 10-60V DC

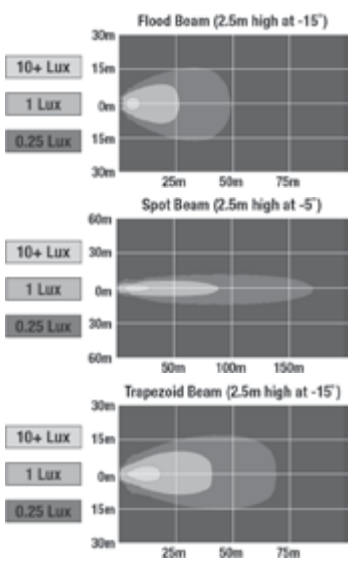
Current Draw:
12V: 2.00 MaxA @ 12V DC
12-48V: 1.04A @ 12V DC; 0.5A @ 24V DC; 033.A @ 36V DC; 0.26A @ 48V DC

Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
3157291	12V LED Glass Lens with Flood Beam Pattern
3157301	12V LED Glass Lens with Trapezoid Beam Pattern
8000111	12V LED Polycarbonate Lens with Flood Beam Pattern
8000281	12V LED Polycarbonate Lens with Spot Beam Pattern
8000121	12V LED Polycarbonate Lens with Trapezoid Beam Pattern
3157601	12-48V LED Glass Lens with Flood Beam Pattern
3157581	12-48V LED Glass Lens with Spot Beam Pattern
3157591	12-48V LED Glass Lens with Trapezoid Beam Pattern
3157471	12-48V LED Polycarbonate Lens with Flood Beam Pattern
3157491	12-48V LED Polycarbonate Lens with Spot Beam Pattern
3157481	12-48V LED Polycarbonate Lens with Trapezoid Beam Pattern



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6043 WORK & TAIL LIGHT

Product Specifications

Raw Lumen Output:
Work Light: 1,140

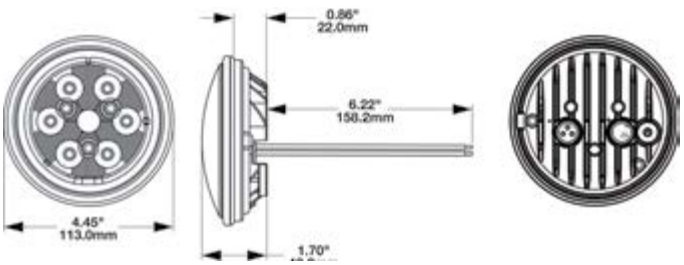
Effective Lumen Output:
Work Light: 700

Connector/Wiring:
6" Bare Leads

Operating Voltage:
12-24V DC

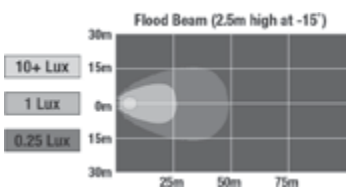
Current Draw:
Work Light: 0.60A @ 12V DC
Tail Light: 0.11A @ 12V DC

Standards & Application:



SINGLE WORK LIGHT

PART #	DESCRIPTION
0344731	12-24V LED Work Light & Tail Light



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

MODEL
6048

Product Specifications

Raw Lumen Output:
Driving & Spot: 1,280
Fog: 800

Effective Lumen Output:
Driving: 430
Spot: 520
Fog: 250

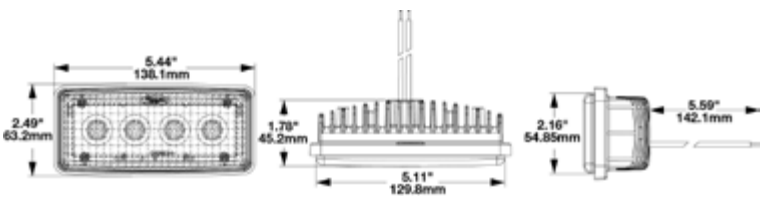
Connector/Wiring:
Bare Leads

Operating Voltage:
Driving & Spot: 9-32V DC
Fog: 9-18V DC

Current Draw:
Driving & Spot: 1.20A @12V DC; 0.60A @ 24V DC
Fog: 1.20A @ 12V DC

Standards & Application:

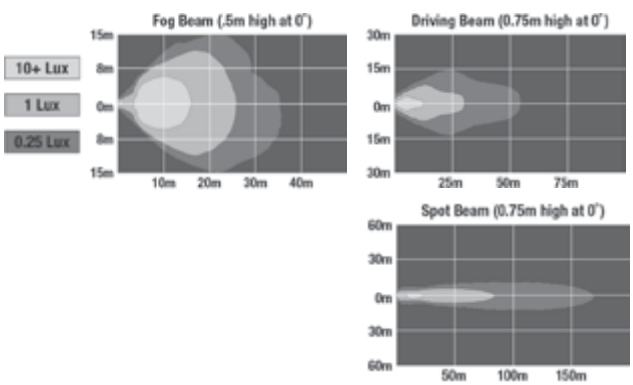
FOG



DRIVING/SPOT

SINGLE WORK LIGHTS

PART #	DESCRIPTION
0543591	12-24V LED Auxiliary Light with Driving Beam Pattern
0548631	12-24V LED Auxiliary Light with Spot Beam Pattern
0548691	12V SAE/ECE Auxiliary Light with Fog Beam Pattern



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

7250 XD

Product Specifications

Raw Lumen Output:
3,150

Effective Lumen Output:
Spot: 1,500
Flood & Trap: 1,400

Connector/Wiring:
Deutsch DT04-2P

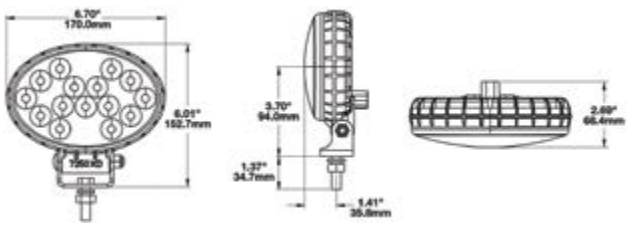
Mating Connector:
Deutsch DT06-2S

Operating Voltage:
10-32V DC

Current Draw:
1.60A @ 12V DC; 0.90A @ 24V DC

Standards & Application:

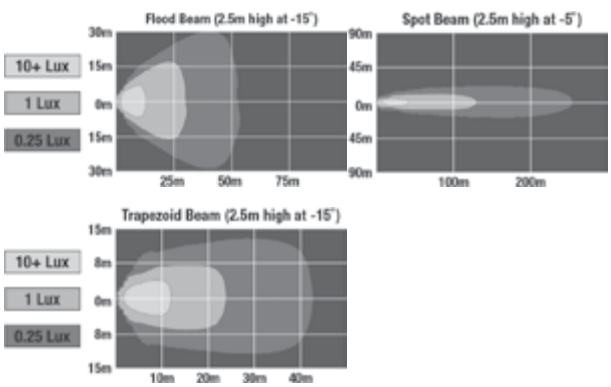
FLOOD SPOT



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1801521	12-24V, Flood Beam Pattern with Pedestal Mount
1801501	12-24V, Spot Beam Pattern with Panel Mount
1801511	12-24V, Trapezoid Beam Pattern with Pedestal Mount

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Raw Lumen Output:
3,150

Effective Lumen Output:
Spot: 1,500
Flood & Trap: 1,400

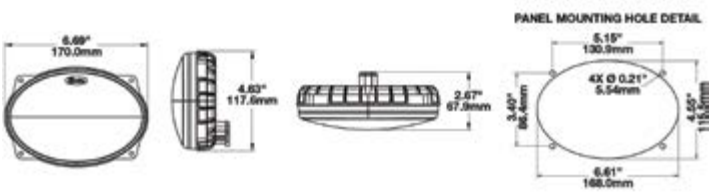
Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
Deutsch DT06-2S

Operating Voltage:
10-32V DC

Current Draw:
1.60A @ 12V DC; 0.90A @ 24V DC

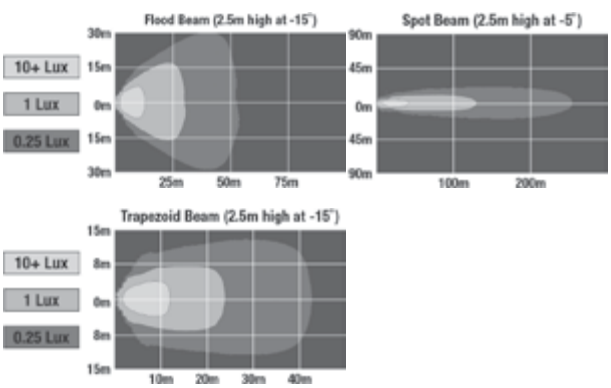
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1801551	12-24V LED Flood Beam Pattern with Panel Mount
1801531	12-24V LED Spot Beam Pattern with Panel Mount
1801541	12-24V LED Trapezoid Beam Pattern with Panel Mount

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



8625 XD

Product Specifications

Raw Lumen Output:
2,385

Effective Lumen Output:
Spot: 1,340
Flood: 1,260
Trap: 1,270

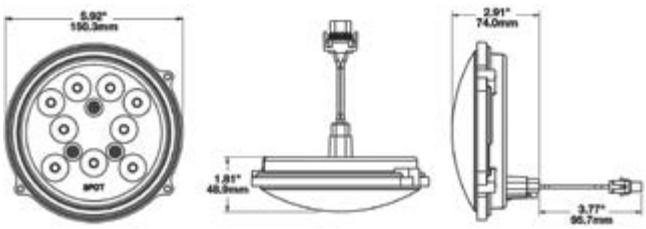
Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
Spot: Connector Metri PE12059450-B BLACK 2-pin
Flood & Trap: None, Bare Wires

Operating Voltage:
10-33V DC

Current Draw:
2.00A @ 12V DC; 1.00A @ 24V DC

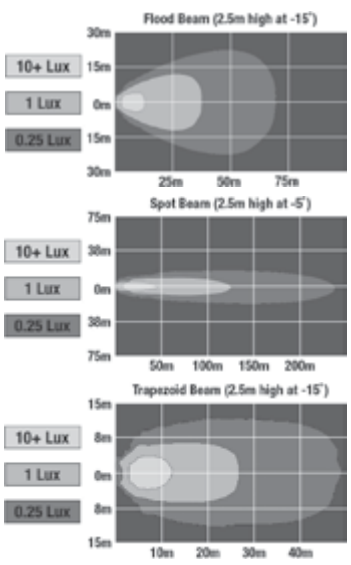
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
1501671	12-24V LED Work Light with Spot Beam Pattern
1501691	12-24V LED Work Light with Flood Beam Pattern
1501701	12-24V LED Work Light with Trapezoid Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Raw Lumen Output:
2,200

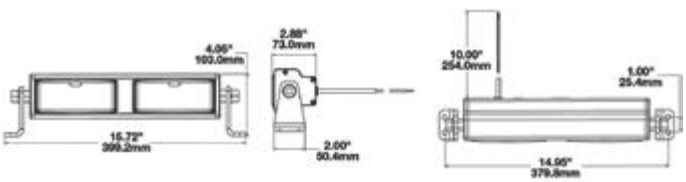
Effective Lumen Output:
1,320

Connector/Wiring:
10" Bare Leads

Operating Voltage:
9-18V DC

Current Draw:
2.40A @ 12V DC; 1.40A @ 24V DC

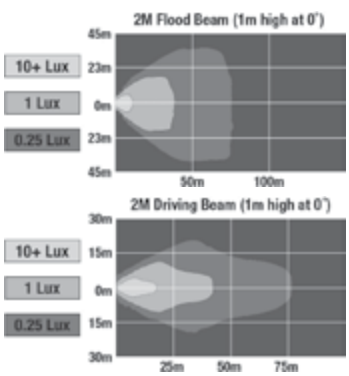
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
0546261	12-24V LED 2-Mod 15" Light Bar with Flood Beam Pattern
0548461	12-24V LED 2-Mod 15" Light Bar with Driving Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



9049 3M

DRIVING, SPOT BEAM

Product Specifications

Raw Lumen Output:
Fog: 2,400
Spot & Driving: 3,840

Effective Lumen Output:
Fog: 1,500
Spot & Driving: 1,460

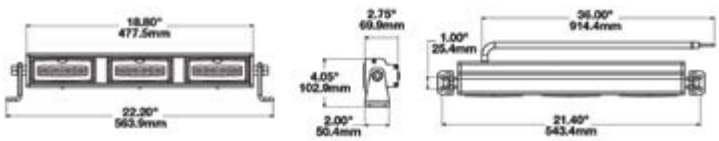
Connector/Wiring:
36" Bare Leads

Operating Voltage:
9-18V DC

Current Draw:
Fog: 3.60A @ 12V DC
Spot: 4.08A @ 12.8V DC; 2.10A @ 24V DC

Standards & Application:

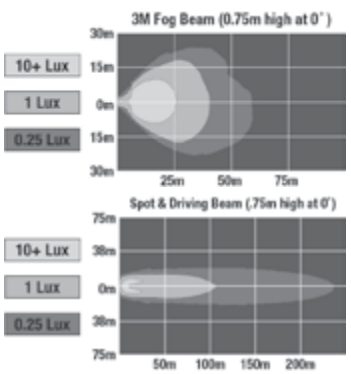
FOG



SINGLE WORK LIGHT

PART #	DESCRIPTION
0549281	12V SAE/ECE LED 3-Mod 19" Light Bar with Fog Beam Pattern
0552441	12V LED 3-Mod 19" Light Bar with Spot Beam Pattern & Driving Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



MODEL
9049

9049 4M

Product Specifications

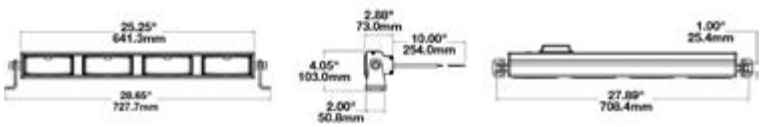
Raw Lumen Output:
4,400

Effective Lumen Output:
2,640

Connector/Wiring:
10" Bare Leads

Current Draw:
4.80A @ 12V DC; 2.80A @ 24V DC

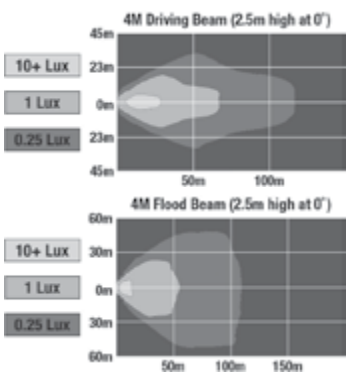
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
0546021	12-24V LED 4-Mod 25" Light Bar with Driving Beam Pattern
0545331	12-24V LED 4-Mod 25" Light Bar with Flood Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

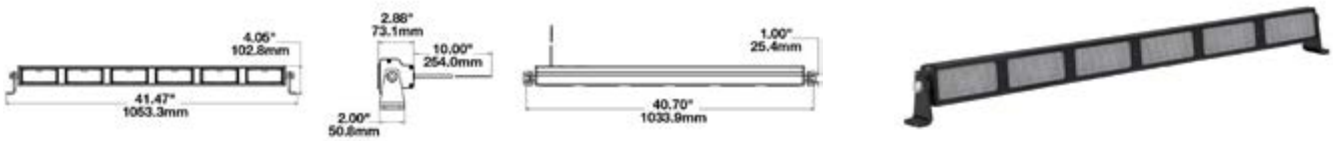
Raw Lumen Output:
6,600

Effective Lumen Output:
3,960

Connector/Wiring:
10” Bare Leads

Current Draw:
7.20A @ 12V DC; 4.20A @ 24V DC

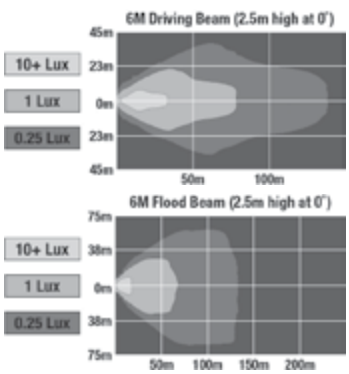
Standards & Application:



SINGLE WORK LIGHTS

PART #	DESCRIPTION
0548451	12-24V LED 6-Mod 40” Light Bar with Driving Beam Pattern
0546271	12-24V LED 6-Mod 40” Light Bar with Flood Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



TRAIL 6 AMBER/WHITE

Ultimate visibility for maximum safety.
J.W. Speaker's Trail 6 Amber/White™ allows for better safety and visibility with bright white or amber LEDs. Illuminate the work site with brilliant white light, or cut through dust and fog with amber LEDs to see every potential hazard. Easily mount on any vehicle with the Trail 6 Amber/White™ custom lighting system with over 1,300 Effective Lumens of bright light.

Total control and customization.
You need reliable, bright lights that work as hard as you do. This compact, durable work light offers total LED color control with two wire and three wire install options to match any vehicle's needs. The Trail 6 Amber/White™ is compact, powerful, easy to mount on any vehicle as a bracket, hanging, or panel mount for a custom lighting system.

PRODUCT SPECIFICATIONS

Raw Lumen Output:
1,800

Effective Lumen Output:
1,326

Candela Output:
20,200

Connector/Wiring:
3' Cable with Integrated Connector

Operating Voltage:
9-32V DC

Current Draw:
2.09A @ 12V DC; 0.90 @ 24V DC

Standards & Application:

HIGH BEAM AMBER

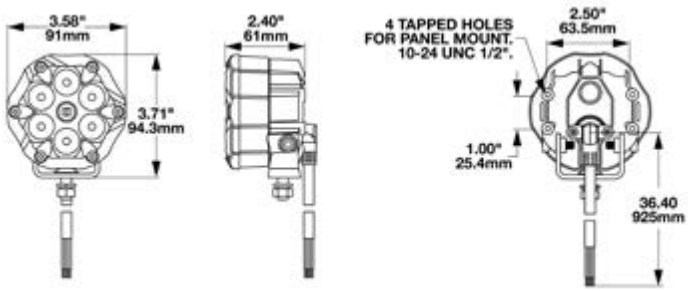
LOW BEAM AMBER

HIGH BEAM

WHITE LIGHT

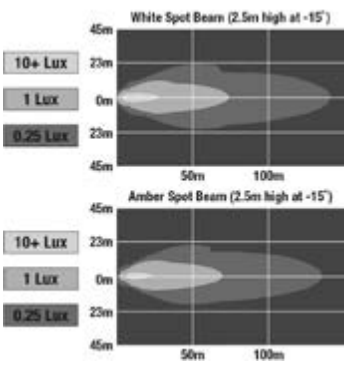
LOW BEAM

TRAIL 6 AMBER/WHITE



KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
0557833	12-24V Amber/White LED Work Light



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

TS3001R

Product Specifications

Raw Lumen Output:
1,960

Effective Lumen Output:
1,080

Candela:
DOT & ECE Driving: 55,000
Pencil: 96,000

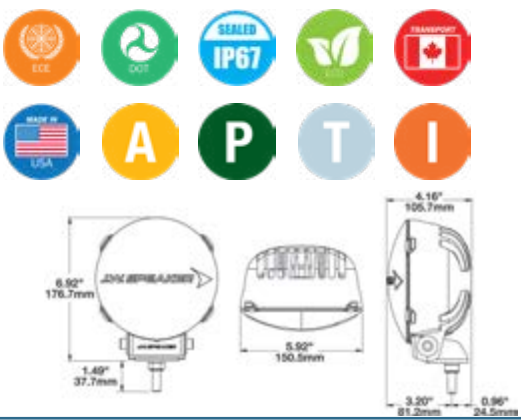
Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
DOT Driving: DT06-2S
ECE Driving & Pencil: DT06-2P

Operating Voltage:
DOT Driving & Pencil: 9-32V DC
ECE Driving: 9-24V DC

Current Draw:
DOT & ECE Driving:
Standard: 1.15A @ 12V DC; 0.60A @ 24V DC
Jeep: 2.15A @ 12V DC; 1.00A @ 24V DC
Pencil:
Standard: 1.40A @ 9V DC; 0.90A @ 16V DC
Jeep: 2.70A @ 9V DC; 1.60A @ 16V DC

Standards & Application:

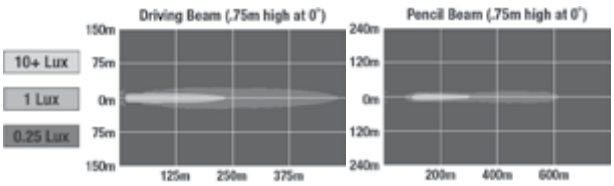


KIT OF 2 AUXILIARY LIGHTS

PART #	DESCRIPTION
0550443	12-24V DOT LED Auxiliary Light w/ Driving Beam - Kit of 2
0550463	12-24V ECE LED Auxiliary Light w/ Driving Beam - Kit of 2
0550483	12-24V LED Auxiliary Light w/ Pencil Beam - Kit of 2

SINGLE AUXILIARY LIGHTS

PART #	DESCRIPTION
0550441	12-24V DOT LED Auxiliary Light w/ Driving Beam
0550461	12-24V ECE LED Auxiliary Light w/ Driving Beam
0550481	12-24V LED Auxiliary Light w/ Pencil Beam



PART #	ACCESSORIES
6149203	A-Pillar Mounting Kit for Jeep JK
6149233	A-Pillar Mounting Kit for Jeep TJ
5874271	Clear Replacement Lens Cover for Model TS3001R
5874281	Amber Replacement Lens Cover for Model TS3001R
5874291	Red Replacement Lens Cover for Model TS3001R
5874301	Blue Replacement Lens Cover for Model TS3001R

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

CLEAR AMBER RED BLUE

Product Specifications

Raw Lumen Output:
1,960

Effective Lumen Output:
1,080

Candela:
DOT & ECE Driving: 55,000
Pencil: 96,000

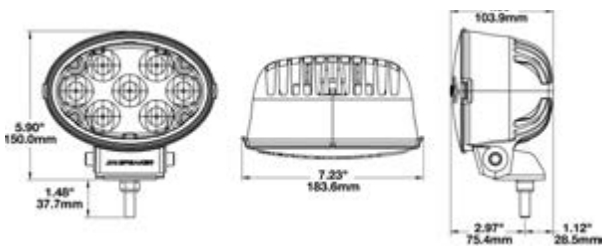
Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
DOT Driving & Pencil: DT06-2S
ECE Driving: DT06-2P

Operating Voltage:
9-32V DC

Current Draw:
DOT & ECE Driving:
1.90A @ 12V DC; 1.05A @ 24V DC
Pencil Beam:
Standard: 1.40A @ 9V; 0.90A @ 16V DC
Jeep: 2.70A @ 9V; 1.60A @ 16V DC

Standards & Application:

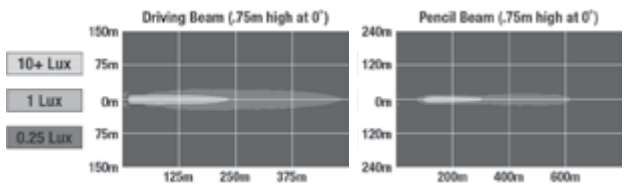


KIT OF 2 WORK LIGHTS

PART #	DESCRIPTION
0550673	12-24V DOT LED Auxiliary Light w/ Driving Beam - Kit of 2
0550693	12-24V ECE LED Auxiliary Light w/ Driving Beam - Kit of 2
0550713	12-24V LED Auxiliary Light w/ Pencil Beam - Kit of 2

SINGLE WORK LIGHTS

PART #	DESCRIPTION
0550671	12-24V DOT LED Auxiliary Light w/ Driving Beam
0550691	12-24V ECE LED Auxiliary Light w/ Driving Beam
0550711	12-24V LED Auxiliary Light w/ Pencil Beam Auxiliary Light



PART #	ACCESSORIES
6149203	A-Pillar Mounting Kit for Jeep JK
6149233	A-Pillar Mounting Kit for Jeep TJ
5865951	Black Replacement Lens Cover for Model TS3001V
5874231	Clear Replacement Lens Cover for Model TS3001V
5874241	Red Replacement Lens Cover for Model TS3001V
5874251	Amber Replacement Lens Cover for Model TS3001V
5874261	Blue Replacement Lens Cover for Model TS3001V

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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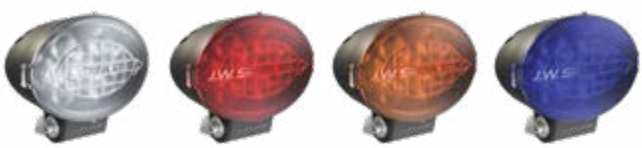


CLEAR RED AMBER BLUE

TS4000

Product Specifications

Raw Lumen Output:
6,450

Effective Lumen Output:
2,400

Candela Output:
133,000

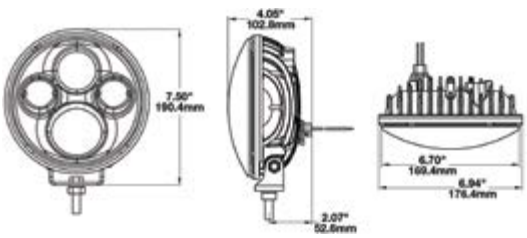
Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
Deutsch DT06-2S

Operating Voltage:
9-32V DC

Current Draw:
5.97A @ 12V DC; 2.54A @ 24V DC

Standards & Application:

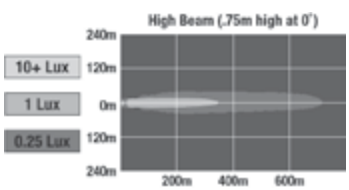


KIT OF 2 WORK LIGHTS

PART #	BEZEL	DESCRIPTION
0551603	Chrome	12-24V ECE LED High Beam with Pedestal Mount - Kit of 2
0551693	Black	12-24V ECE LED High Beam with Pedestal Mount - Kit of 2

SINGLE WORK LIGHTS

PART #	BEZEL	DESCRIPTION
0551121	Chrome	12-24V ECE LED High Beam w/ Pedestal Mount
0555561	Black	12-24V ECE LED High Beam w/ Inner Bezel & Pedestal Mount



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

WARNING LIGHTS

Products featured: Model 529 Big Red Stripe, Model 527, Model 793, and Model 560

TAB

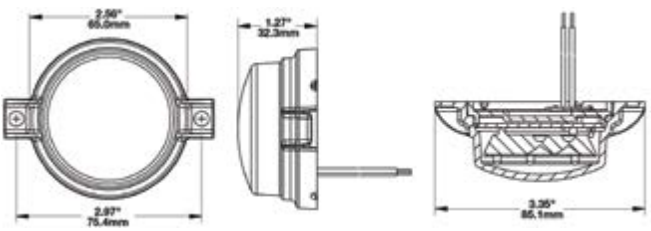
Product Specifications

Connector/Wiring:
6" Bare Leads

Operating Voltage:
12-48V DC

Current Draw:
0.075-0.100A @ 12V DC; 0.035-0.050A @ 24V DC;
0.020-0.035A @ 36V DC; 0.018-0.030A @ 48V DC

Standards & Application:



SINGLE WARNING LIGHT

PART #	DESCRIPTION
0646321	12-48V LED Amber Flashing Warning Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

210 SOLAR FLASHER

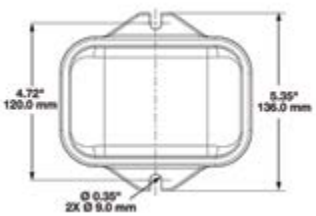
Product Specifications

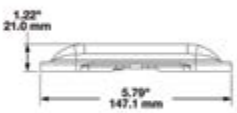
Candela Output:
Amber: 11
Red: 10

Battery Run Time:
120 hours

Battery Recharge Time:
6 hours

Standards & Application:





SINGLE WARNING LIGHTS

PART #	DESCRIPTION
0647031	LED Solar Amber Flasher
0647041	LED Solar Red Flasher
0647071	LED Solar Amber Flasher w/ Click Bond™ Mounting Kit
0647081	LED Solar Red Flasher w/ Click Bond™ Mounting Kit

PART #	ACCESSORIES
8200491	Mounting Kit For Work Lights

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

AMBER

BLUE

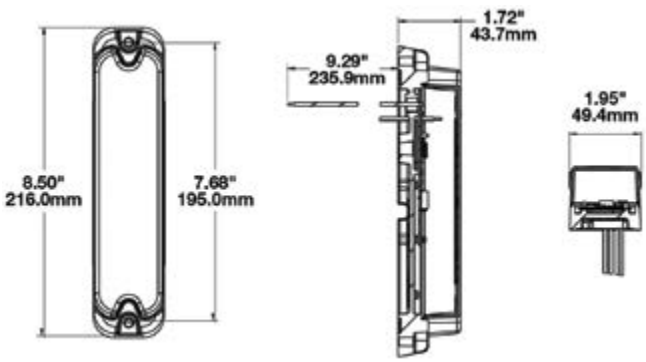
Product Specifications

Connector/Wiring:
9" Bare Leads

Input Voltage:
12-48V DC

Current Draw:
0.50A @ 12V DC; 0.25A @ 24V DC;
0.175A @ 36V DC; 0.125A @ 48V DC

Standards & Application:



SINGLE WARNING LIGHTS

PART #	DESCRIPTION
0645661	12-48V SAE LED Amber Strobe Light
0645761	12-48V SAE LED Blue Strobe Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Model 406

Candela Output:
280

Connector/Wiring:
12" Leads
PN 0646881: 12' Power Cord w/ Cigarette Plug #211

Operating Voltage:
9-110V DC

Current Draw*:
Amber:
0.345A @ 12V DC;
0.225A @ 24V DC;
0.163A @ 36V DC;
0.131A @ 48V DC;
0.100A @ 72V DC

Model 407

Candela Output:
560

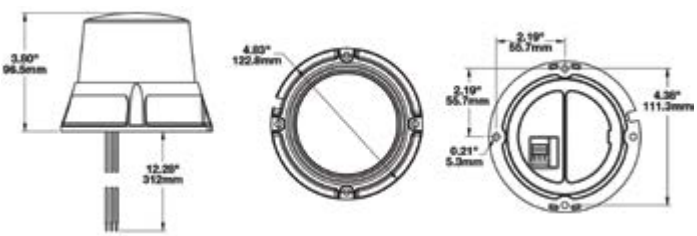
Connector/Wiring:
12" Leads
PN 0646891: 12' Power Cord w/ Cigarette Plug #211

Operating Voltage:
9-110V DC

Current Draw*:
Amber:
0.915A @ 12V DC;
0.500A @ 24V DC;
0.340A @ 36V DC;
0.265A @ 48V DC;
0.190A @ 72V DC

* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:



MODEL 407 ONLY

MODEL 406 SINGLE WARNING LIGHTS

PART #	DESCRIPTION
0646501	12-80V LED Amber Class II Strobe Light
0646541	12-80V LED Red Class II Strobe Light
0646531	12-80V LED Blue Class II Strobe Light
0646731	12-80V LED Amber Class II Strobe Light w/ DIN Pole Mount
0646881	12-80V LED Amber Class II Strobe Light w/ Magnet Mount

MODEL 407 SINGLE WARNING LIGHTS

PART #	DESCRIPTION
0646491	12-80V LED Amber Class I Strobe Light
0646561	12-80V LED Red Class I Strobe Light
0646551	12-80V LED Blue Class I Strobe Light
0646571	12-80V LED Green Class I Strobe Light
0646741	12-80V LED Amber Class I Strobe Light w/ DIN Pole Mount
0646891	12-80V LED Amber Class I Strobe Light w/ Magnet Mount

PART #	ACCESSORIES
8200213	DIN Pole Mount for 406 & 407 LED Strobe Lights
0728321	Pipe Mount with Straight Bracket for DIN Pole Mount
0728311	Pipe Mount with L Bracket for DIN Pole Mount
0728301	Pipe Mount with Fold-Down Bracket for DIN Pole Mount
0728331	Pipe Mount with Threaded Pipe Mount for DIN Pole Mount
0728341	Pipe Mount with Weld-on Bracket for DIN Pole Mount

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

523 BLU SPOT

Product Specifications

Raw Lumen Output:
1,675

Effective Lumen Output:
864

Candela Output:
Black: 52,300
Yellow: 42,300

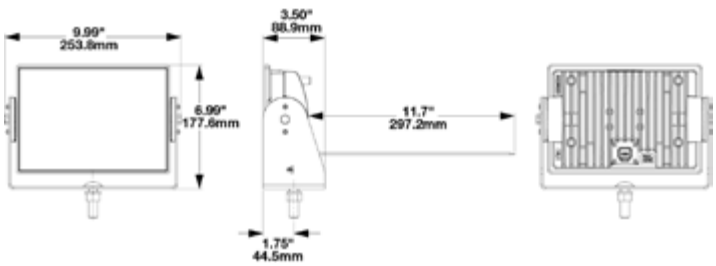
Connector/Wiring:
2-Pin Deutsch (DT04-2P)

Operating Voltage:
20-32V DC

Current Draw:
4.30A @ 24V DC

Standards & Application:

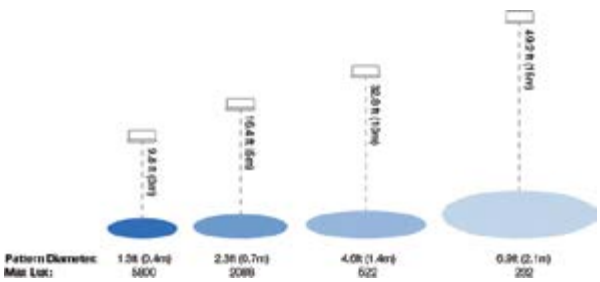
YELLOW
HOUSING



SINGLE SAFETY LIGHTS

PART #	HOUSING	DESCRIPTION
0551231	Black	24V LED w/ Blue Light & Spot Beam Pattern
0552301	Yellow	24V LED w/ Blue Light & Spot Beam Pattern

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Raw Lumen Output:
Red: 720 Amber: 960
Green: 1,500 White: 1,500

Effective Lumen Output:
Red: 670 Amber: 400
Green: 590 White: 640

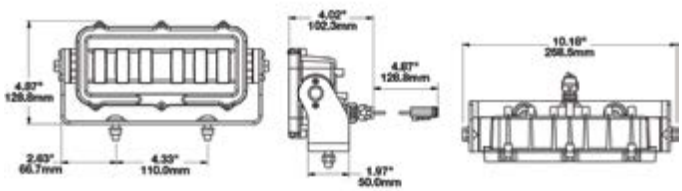
Connector/Wiring:
Red, Green, Amber, White: 2-Pin Deutsch Socket DT04-2P
Red/Green, Amber/Green: ICONN IMATE 23 3-POS, Male

Mating Connector:
Red, Green, Amber, White: 2-Pin Deutsch Plug DT06-2S
Red/Green, Amber/Green: ICONN IMATE 23 3-POS, Female

Operating Voltage:
10-32V DC

Current Draw:
Red, Green, Amber, White: 1.2A @ 12V DC; 0.8A @ 24V DC
Red/Green: 0.90A @ 12V DC; 0.50A @ 24V DC (Red);
1.20A @12V DC; 0.70A @ 24V DC (Green)
Amber/Green: 1.20A @ 12V DC; 0.70A @ 24V DC

Standards & Application:

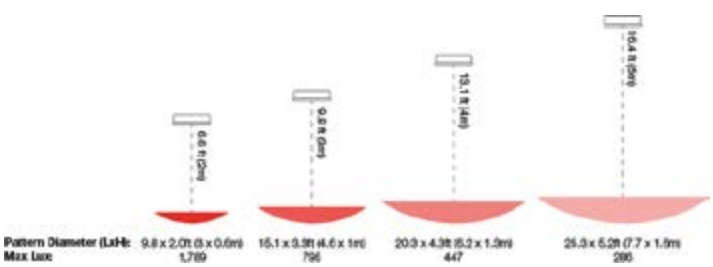


RED & GREEN

SINGLE WARNING LIGHTS

PART #	DESCRIPTION
0549271	12-24V LED Red Zone Light
0551271	12-24V LED Green Zone Light
0551281	12-24V LED Amber Zone Light
0551261	12-24V LED White Zone Light
0647011	12-24V LED Red & Green Zone Light
0647021	12-24V LED Amber & Green Zone Light

PART #	ACCESSORIES
8200151	Rock Guard Kit for Model 527



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

MODEL
529

Product Specifications

Raw Lumen Output:
3,350

Effective Lumen Output:
886

Candela Output:
8,530

Flash Rate:
1 Flash/Second

Connector/Wiring:
Deutsch DT04-3P

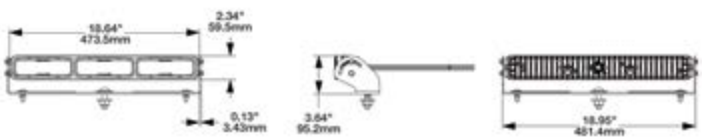
Mating Connector:
Deutsch DT06-3S

Operating Voltage:
9-33V DC

Current Draw:
Red: 3.70A @ 12V DC; 2.30A @ 24V DC
Blue: 3.90A @ 12V DC; 2.40A @ 24V DC
Green: 3.30A @ 12V DC; 2.60A @ 24V DC

Standards & Application:

RED STRIPE



BLUE/GREEN STRIPE

SINGLE WARNING LIGHTS

PART #	DESCRIPTION
1300561	12-24V LED Big Red Stripe Warning and Safety Light
1300651	12-24V LED Big Blue Stripe Warning and Safety Light
1300681	12-24V LED Big Green Stripe Warning and Safety Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

538 & 539

MODEL 538
STROBE

MODEL 539 STROBE

MODEL 538
INDICATOR

MODEL 539
INDICATOR

Product Specifications

Flash Rate:
60 +/- 10 fpm

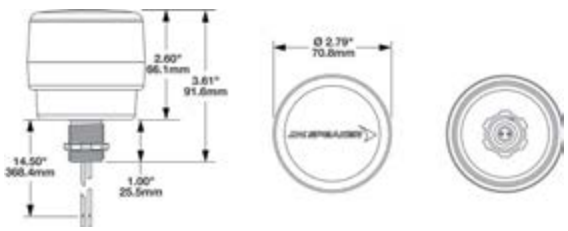
Connector/Wiring:
13.5" Bare Leads

Operating Voltage:
12-80V DC

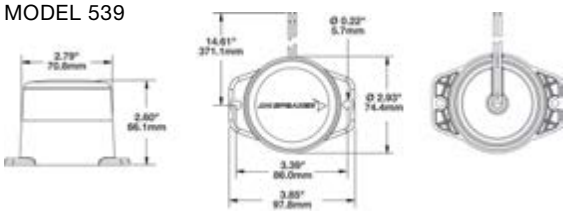
Current Draw:
Strobe:
0.256A @ 12V DC; 0.088A @ 48V DC;
0.076A @ 80V DC
Indicator:
Red LED: 0.178A @ 12V DC; 0.073A @ 48V DC;
0.067A @ 80V DC
Green LED: 0.188A @ 12V DC; 0.076A @ 48V DC;
0.068A @ 80V DC

Standards & Application:

MODEL 538



MODEL 539



MODEL 538 SINGLE SAFETY LIGHTS

PART #	DESCRIPTION
0646391	12-80V Amber Class III LED Strobe Light with Pipe Mount
0646401	12-80V Red Class III LED Strobe Light with Pipe Mount
0646411	12-80V Green Class III LED Strobe Light with Pipe Mount
0646421	12-80V Blue Class III LED Strobe Light with Pipe Mount
0646431	12-80V White Class III LED Strobe Light with Pipe Mount
0647121	12-80V Red/Green LED Indicator Light with Pipe Mount

MODEL 539 SINGLE SAFETY LIGHTS

PART #	DESCRIPTION
0646441	12-80V Amber Class III LED Strobe Light with Flange Mount
0646451	12-80V Red Class III LED Strobe Light with Flange Mount
0646461	12-80V Green Class III LED Strobe Light with Flange Mount
0646471	12-80V Blue Class III LED Strobe Light with Flange Mount
0646481	12-80V White Class III LED Strobe Light with Flange Mount
0647131	12-80V Red/Green LED Indicator Light with Flange Mount

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Flash Rate:
Mode 0
Outter LED: Steady On, Inner LED: Steady On

Mode 1
Outter LED: Flash 60 per min (1Hz),
Inner LED: Flash 60 per min (1Hz)

Mode 2
Outter LED: Triple flash 60 per min (1Hz),
Inner LED: Triple flash 60 per min (1Hz)

Mode 3
Outter LED: Flash 60 per min (1Hz),
Inner LED: Triple flash 60 per min (1Hz)

Mode 4
Outter LED: Flash 200 per min (2Hz),
Inner LED: Flash 200 per min (2Hz)

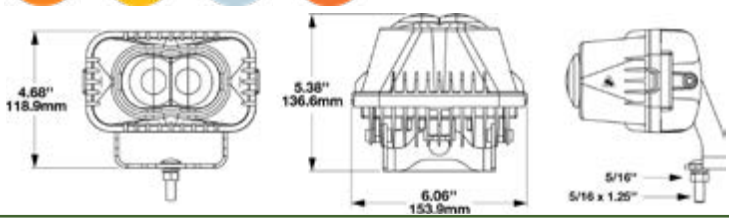
Mode 5
Outter LED: Flash 60 per min (1Hz),
Inner LED: Steady On

Mating Connector:
PE 12110293

Operating Voltage:
10-90V DC

Current Draw:
3.6A @ 12V DC

Standards & Application:

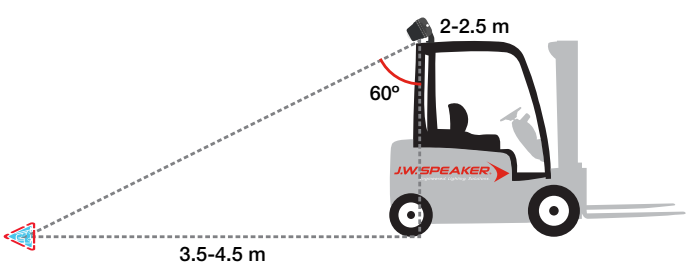


SINGLE WARNING LIGHTS

PART #	DESCRIPTION
1300631	12-72V LED Warning Projector Light
1300661	12-72V LED Universal Warning Projector Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

LED WARNING PROJECTOR LIGHT



LED UNIVERSAL WARNING
PROJECTOR LIGHT

Product Specifications

Raw Lumen Output:
3 LEDs: 1,630
6 LEDs: 2,000

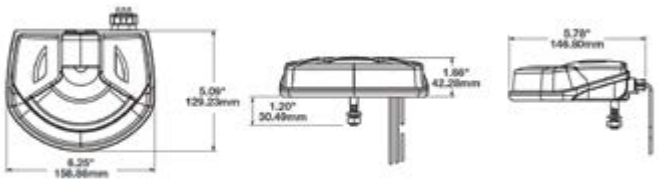
Effective Lumen Output:
3 LEDs: 780
6 LEDs: 1,600

Connector/Wiring:
Integrated 3-Pin Packard
Integrated 2-Pin Deutsch

Operating Voltage:
9-110V DC

Current Draw:
3 LEDs: 1.54A @ 12V DC; 0.67A @ 24V DC; 0.33A @ 60V DC; 0.20A @ 110V DC
6 LEDs: 1.59A @ 12V DC; 0.74A @ 24V DC; 0.34A @ 60V DC; 0.23A @ 110V DC

Standards & Application:

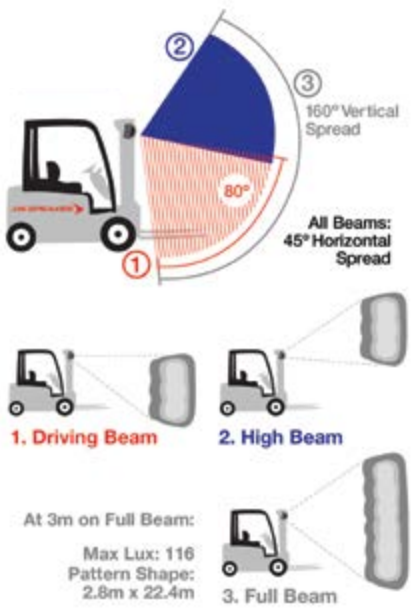


SINGLE WARNING LIGHTS

PART #	DESCRIPTION
1000101	12-110V LED 3- Pin Warehouse Work Light w/ Vertical Flood Beam
1000121	12-110V LED 2- Pin Warehouse Work Light w/ Vertical Flood Beam

PART #	ACCESSORIES
8200501	Click Bond Stud Mounting Kit

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

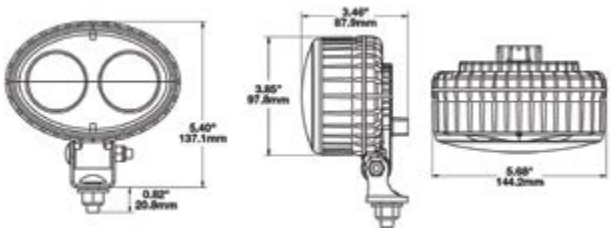
Connector/Wiring:
Integrated

Mating Connector:
AMP (#180923)

Operating Voltage:
9-120V DC

Current Draw:
Blue: 0.50A @ 12V DC; 0.12A @ 60V DC; 0.08A @ 110V DC
Red: 0.19A @ 12V DC; 0.05A @ 60V DC; 0.04A @ 110V DC

Standards & Application:



RED

SINGLE WARNING LIGHTS

PART #	DESCRIPTION
1706311	12-110V LED Blue Material Handling Safety Light
1706921	12-110V LED Blue Arrow Material Handling Safety Light
1706441	12-110V LED Red Safety Spot Light
1706911	12-110V LED Red Arrow Safety Spot Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

777 GEN 2

Start Preventing Accidents

The Model 777 GEN 2 offers a unique "keep out zone" safety light in a sleek and practical design. This LED safety light is designed with various types of safety applications in mind, including forklifts, work trucks, construction vehicles, farm equipment, and more. They are available in three different color configurations (Red, Green, and Blue) to create the best solution for each industry and application.

J.W. Speaker offers a safety lighting package, designed to help both your operators as well as your workforce on the floor, adding safety precautions and visibility. For a 360 safety solution, mount one in the front and one in the back. It can be combined with linear safety light as well.

Don't trust an inferior light – it could cost you in the end. Model 777 GEN 2 is a reliable universal safety light that can be used in a variety of different applications. It creates a safety zone that is highly visible to keep employees and pedestrians away from moving vehicles. This is the safety solution you have been looking for!

PRODUCT SPECIFICATIONS

Operating Voltage:
10-80V DC

Effective Lumen Output:
100

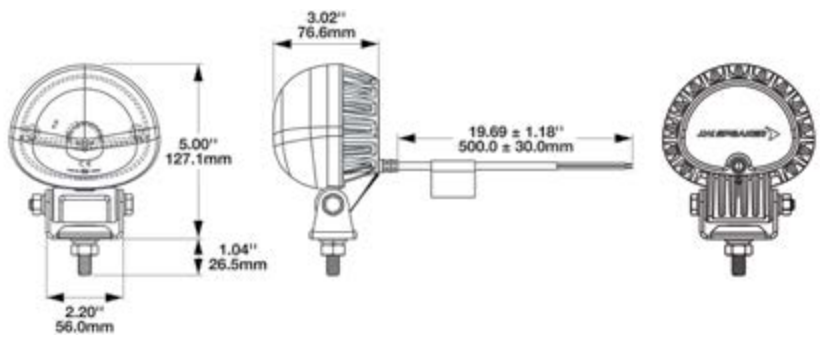
Candela Output:
3,200

Connector/Wiring:
19.5" Bare Leads (tinned)

Current Draw:
1.08A @ 12V DC; 0.51A @ 24V DC;
0.34A @ 36V DC; 0.26A @ 48V DC;
0.21A @ 60V DC; 0.18A @ 72V DC

Standards & Application:

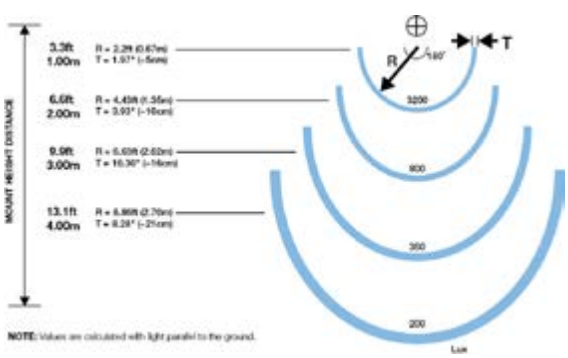
BLUE ARC | GREEN ARC | RED ARC



SINGLE WARNING LIGHTS

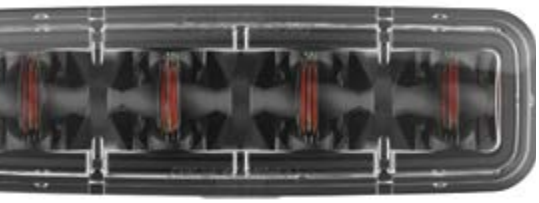
PART #	DESCRIPTION
1403601	12-72V Red ARC Warning Light
1403611	12-72V Blue ARC Warning Light
1403621	12-72V Green ARC Warning Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

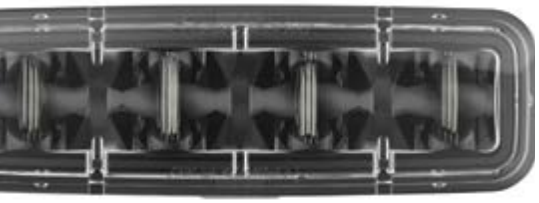


To find the most accurate projection pattern information, please go to www.jwspeaker.com/products/777-gen-2-led-forklift-warning-light-and-arc-safety-light/

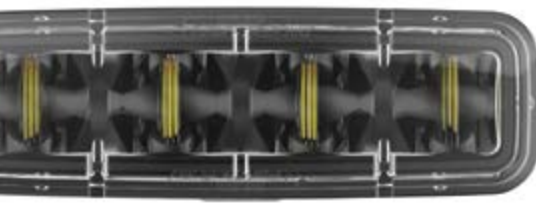
793



RED



BLUE



AMBER

WITH SHROUD

Product Specifications

Raw Lumen Output:
Red: 1,130 Amber: 1,113 Blue: 496

Effective Lumen Output:
Red: 317 Amber: 210 Blue: 110

Candela Output:
Red: 3,150 Amber: 2,200 Blue: 1,200

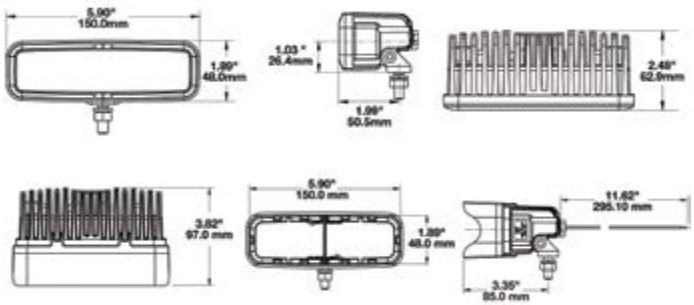
Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
Deutsch DT06-2S (harness included w/ flying leads)

Operating Voltage:
10-45V DC

Current Draw*:
1.60A @ 12V DC; 0.60A @ 24V DC; 0.57A @ 36V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

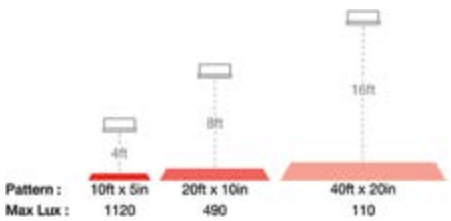
Standards & Application:



SINGLE SAFETY LIGHTS

PART #	DESCRIPTION
1603631	12-36V LED Red Stripe Zone Light
1603641	12-36V LED Blue Stripe Zone Light
1603651	12-36V LED Amber Stripe Zone Light
1603681	12-36V LED Red Stripe Zone Light with Shroud
1603761	12-36V LED Red Stripe with Long Bracket
1603771	12-36V LED Blue Stripe with Long Bracket
1603781	12-36V LED Amber Stripe Zone Light with Long Bracket
1603791	12-36V LED Red Stripe with Shroud with Long Bracket
1603881	48-110V LED Blue Stripe Zone Light with Large Bracket
1603821	48-110V LED Blue Stripe Zone Light with Short Bracket
1603891	48-110V LED Amber Stripe Zone Light with Large Bracket

PART #	DESCRIPTION
1603871	48-110V LED Red Stripe Zone Light with Large Bracket
1603861	48-110V LED Red Stripe Zone Light with Shroud
1603811	48-110V LED Red Stripe Zone Light with Short Bracket
1603901	48-110V LED Red Stripe Light with Shroud and Long Bracket
1603852	48-110V LED Red Stripe with Long Bracket
1603842	48-110V LED Red Stripe with Hardware Assembly



To find the most accurate projection pattern information, please go to www.jwspeaker.com/products/led-safety-lights-model-793/

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

4415 WARNING LIGHT

Product Specifications

Effective Lumen Output:
Red: 276
Blue: 258

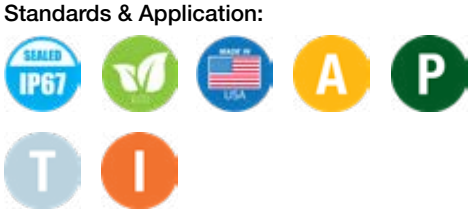
Candela Output:
Red: 9,920
Blue: 10,268

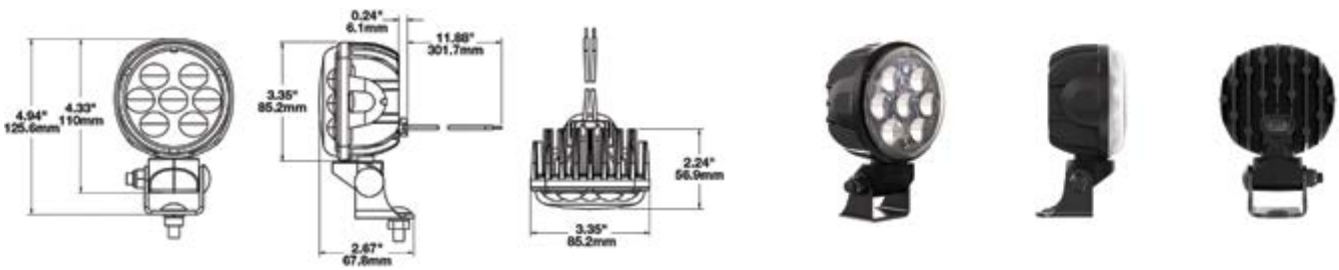
Mating Connector:
Blue: Packard Delphi 12059183

Operating Voltage:
10-32 V DC

Current Draw:
Red: 1.91A @ 12V DC; 0.81A @ 24V DC;
0.405A @ 48V DC; 0.325A @ 60V DC; 0.18A @ 110V DC
Blue: 1.50A @ 12V DC; 1.05A @ 24V DC; 0.51A @ 48V DC;
0.40A @ 60V DC; 0.25A @ 110V DC

Standards & Application:

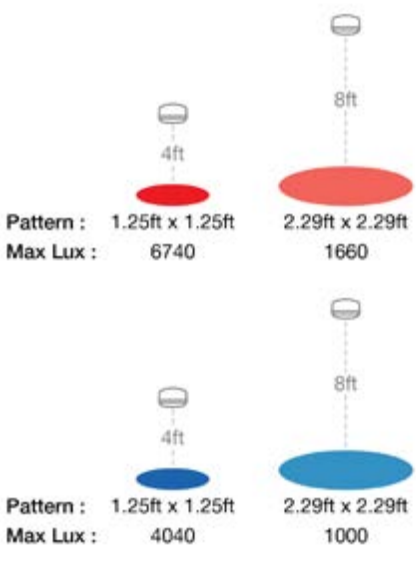




SINGLE WARNING LIGHTS

PART #	DESCRIPTION
0552981	12-110V LED Red Warning Light
0552991	12-110V LED Blue Warning Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



To find the most accurate projection pattern information, please go to www.jwspeaker.com/products/led-safety-light-model-4415/

MODEL
6048

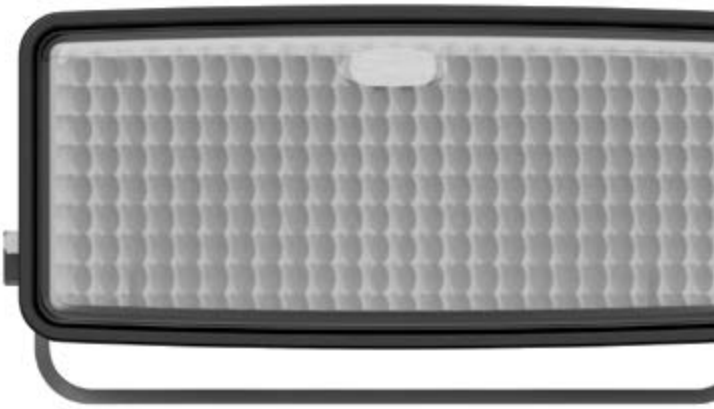
Product Specifications

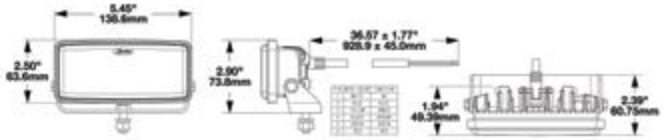
Operating Voltage:
9-30V DC

Connector/Wiring:
3’ Cable with Integrated Connector

Current Draw:
0.6A @ 12V DC; 0.30A @ 24V DC

Standards & Application:





SINGLE WARNING LIGHT

PART #	DESCRIPTION
0647101	12-24V LED 4 Color Auxiliary Light (Red/Blue/Amber/Green)

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

6150

Product Specifications

Effective Lumen Output:
318

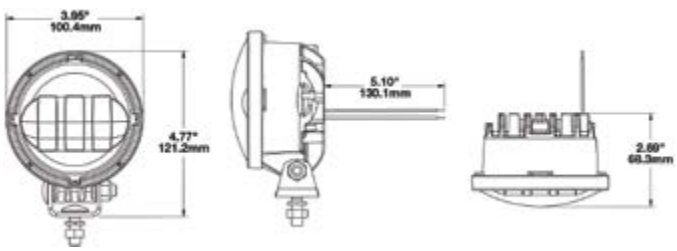
Candela Output:
3,454

Connector/Wiring:
5" Bare Leads

Input Voltage:
12-110V DC

Current Draw:
Red: 1.15A @ 12V DC; 0.57A @ 24V DC; 0.28A @ 48V DC; 0.23A @ 60V DC; 0.14A @ 110V DC
Antiglare: 2.0A @ 12V DC; 0.90A @ 24V DC; 0.48A @ 48V DC; 0.41A @ 60V DC; 0.28A @ 110V DC

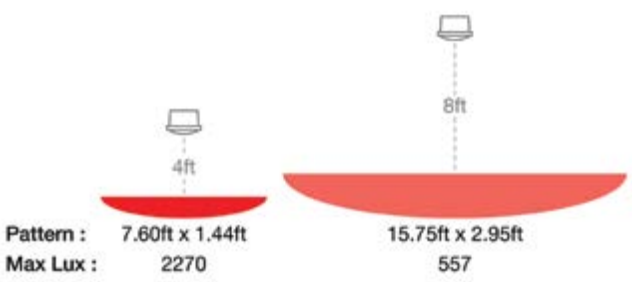
Standards & Application:



SINGLE SAFETY LIGHTS

PART #	DESCRIPTION
0552961	12-110V LED Red Zone Light
0553561	12-110V Antiglare Zone Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Raw Lumen Output:
900

Effective Lumen Output:
450

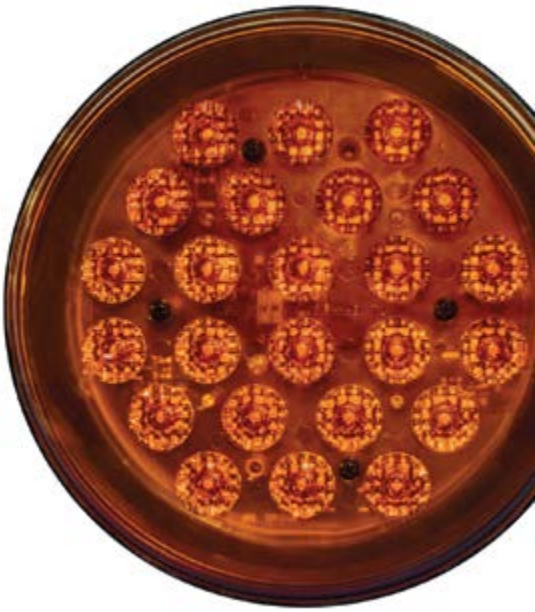
Candela Output:
3,000

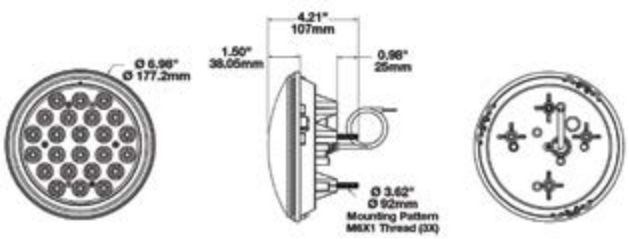
Connector/Wiring:
118mm Instrument Cable with Flying Leads

Input Voltage:
24 V DC

Current Draw:
0.80A @ 24V DC

Standards & Application:





SINGLE WARNING LIGHT

PART #	DESCRIPTION
0646911	24V LED Amber Arrow Warning Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

SMARTHEAT®

Products featured: Model 234 Flash, Models 274, 234, and 670 XD, and Models 8800 High and Low Beam and 8801 Low Beam

TAB

EXPERIENCE THE FUTURE OF SAFER WINTER DRIVING.

HEADLIGHTS

SNOW PLOW LIGHTS

WORK LIGHTS

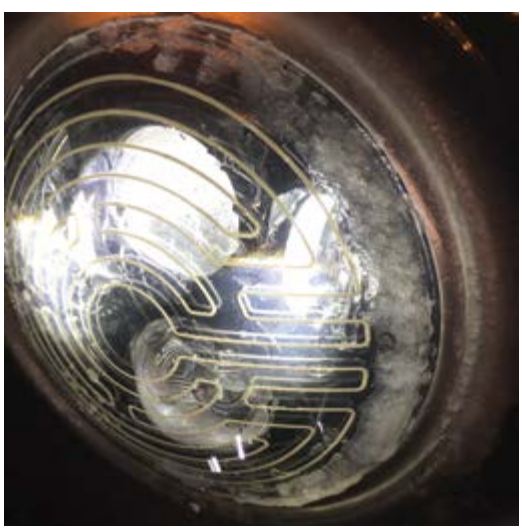
TAIL LIGHTS

DON'T LET SNOW AND ICE SLOW YOU DOWN.

The SmartHeat® Series provide a complete solution for outfitting over-the-road trucks, snow plows, refuse trucks, construction equipment, delivery vans and any heavy-duty vehicle that needs to operate in the winter, covering forward and rear lighting, as well as task lighting. It's the industry's most comprehensive heated LED lighting line-up.

The technology behind SmartHeat® enables widespread use of brighter, whiter, long-lasting LED lighting all winter long and is designed to use less power than halogen lighting systems for a more efficient result. This helps owner-operators and fleets improve their utilization and productivity while enhancing the ability to see and be seen on the road, thus ensuring safety and comfort.

Learn more at www.jwspeaker.com/world-of-smartheat/



HOW IT WORKS

SmartHeat® Technology will automatically turn on at startup or when temperatures drop.

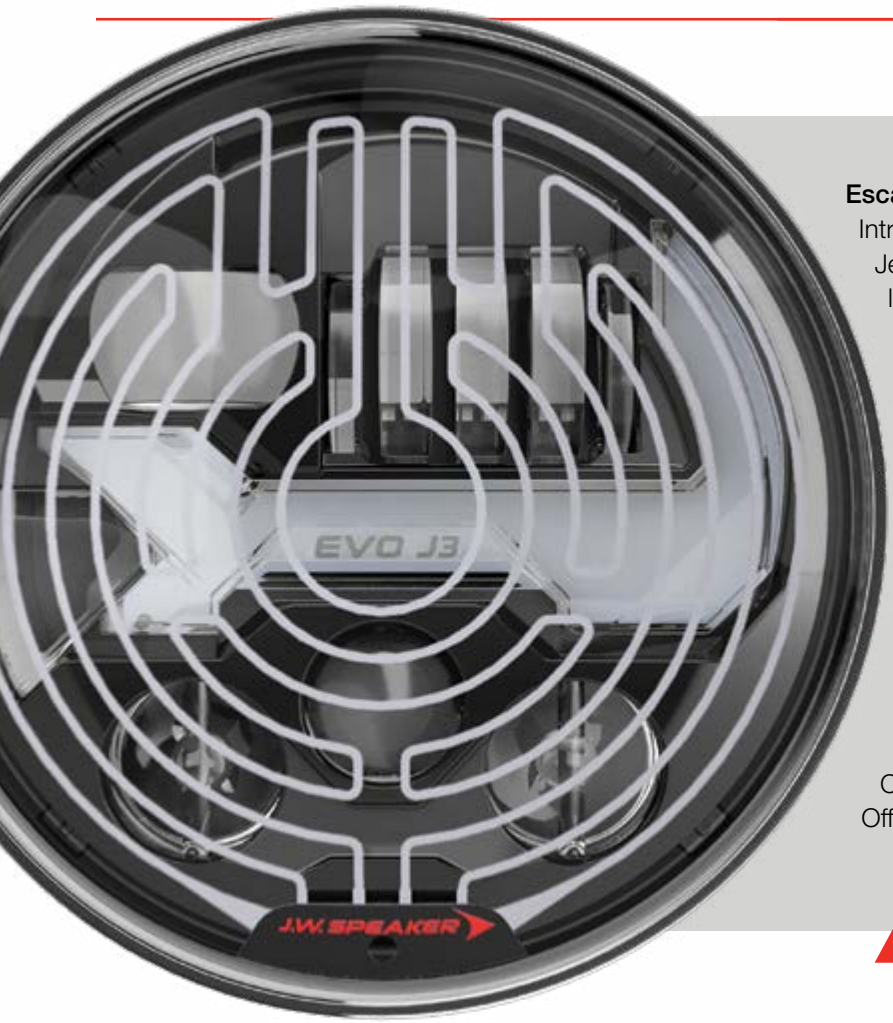
The SmartHeat® technology uses an internal sensor to sense the current temperature.

If the technology senses the temperature to be below the low temperature threshold, the heat will stay on to de-ice the lens.

If the technology senses the temperature to be above the high temperature threshold, the SmartHeat grid system will automatically turn off. This keeps the lamp from overheating when facing warmer conditions.

Air Temperature	Light Temperature (−)	Light Temperature	Light Temperature (+)
❄	ON	ON	OFF
🌧	ON	OFF	OFF
☀	N/A	OFF	OFF

EVO J3™



Escape the standard.
Introducing the latest technology in lighting for Jeep® Wranglers. The EVO J3 is the first street-legal, plug & play Jeep headlight with a built-in turn signal. Powerful LEDs and carefully engineered light patterns give you the best performance and design available whether on the road or exploring off-road.

Light your adventure all year round.
The heated version of the EVO J3 features SmartHeat® technology to de-ice lenses for the best safety and visibility.

Customization & control at your fingertips.
Unlock more control and features in the EVO J3 using the new J-Link™ mobile app. Customize your startup sequence, access the Off-Road Mode and lead the trail with Guide Mode.

PRODUCT SPECIFICATIONS

Raw Lumen Output:
3,600 (High Beam); 3,020 (Low Beam)

Effective Lumen Output:
1,320 (High Beam); 1,201 (Low Beam)

Candela Output:
68,800 (High Beam); 24,800 (Low Beam)

Connector/Wiring:
H13 Delphi 15326813

Operating Voltage:
9-16V DC

Current Draw:
Low Beam: 2.33A @ 12V DC
High Beam: 3.25A @ 12V DC
Front Turn: 3.00A @ 12V DC
DRL: 3.00A @ 12V DC
Front Position: 0.45A @ 12V DC

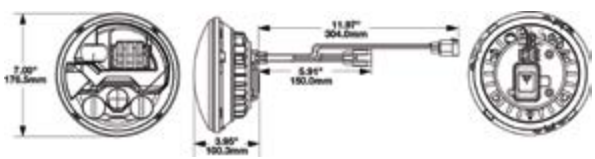
Retrofit Information:
Jeep JK 2010-2018

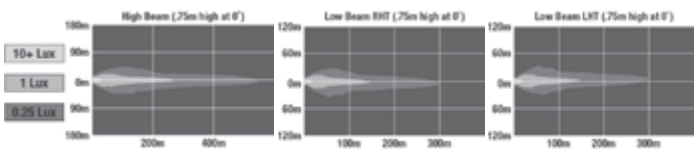
Standards & Application:

TURN SIGNAL | OFF ROAD MODE | DRL

LOW BEAM & TURN SIGNAL | LOW BEAM | HIGH BEAM

UNLOCK FEATURES WITH J-LINK™ Bluetooth®





HEATED SINGLE HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0556461	Graphite	12V DOT Heated High & Low Beam w/ Turn - RH
0556471	Graphite	12V DOT Heated High & Low Beam w/ Turn - LH
0557271	Black	12V DOT Heated High & Low Beam w/ Turn - RH
0557281	Black	12V DOT Heated High & Low Beam w/ Turn - LH
0558221	Black	12V DOT Heated High & Low Beam w/ Turn - RH (Canada)
0558231	Black	12V DOT Heated High & Low Beam w/ Turn - LH (Canada)

NON-HEATED SINGLE HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0556441	Graphite	12V DOT High & Low Beam w/ Turn - RH
0556451	Graphite	12V DOT High & Low Beam w/ Turn - LH
0557251	Black	12V DOT High & Low Beam w/ Turn - RH
0557261	Black	12V DOT High & Low Beam w/ Turn - LH
0558181	Black	12V DOT High & Low Beam w/ Turn - RH (Canada)
0558191	Black	12V DOT High & Low Beam w/ Turn - LH (Canada)

HEATED KIT OF 2 HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0555613	Graphite	12V DOT Heated High & Low Beam w/ Turn - Kit of 2
0557213	Black	12V DOT Heated High & Low Beam w/ Turn - Kit of 2
0558153	Black	12V DOT Heated High & Low Beam w/ Turn - Kit of 2 (Canada)

NON-HEATED KIT OF 2 HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0555593	Graphite	12V DOT High & Low Beam w/ Turn - Kit of 2
0557193	Black	12V DOT High & Low Beam w/ Turn - Kit of 2
0558143	Black	12V DOT High & Low Beam w/ Turn - Kit of 2 (Canada)

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

TURN SIGNAL REVERSE LIGHT

FLASH

STOP, TAIL, & TURN

Product Specifications

Effective Lumen Output:
Stop/Tail/Turn: 54
Amber Turn & White Reverse: 7

Operating Voltage:
Stop/Tail/Turn & Flash: 9-32V DC
Amber Turn & White Reverse: 10-32V DC

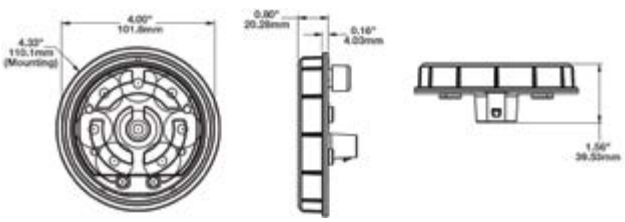
Connector/Wiring:
Stop/Tail/Turn & Amber Turn: Bare Leads
White Reverse: AMP 282087-1
Flash: 6-Pin Delphi (#12052848)

Mating Connector:
Stop/Tail/Turn, Amber Turn, & White Reverse: None; Sold Separately
Flash: Delphi (#12052848)

Current Draw*:
Stop/Turn: 1.3A @ 12V DC; 0.7A @ 24V DC
Heater: 0.80A @ 12V DC; 0.40A @ 24V DC

* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:



HEATED SINGLE TAIL LIGHTS

PART #	DESCRIPTION
0346261	12-24V DOT Heated Red Stop, Tail, & Turn Light
0346264	12-24V DOT Heated Red Stop, Tail, & Turn Light Kit w/ Harness
0347811	12-24V DOT Heated Amber Turn Signal
0347814	12-24V DOT Heated Amber Turn Signal Kit w/ Harness
0346471	12-24V DOT Heated White Reverse Light
0346474	12-24V DOT Heated White Reverse Light Kit w/ Harness
0642081	12-24V DOT Heated Flasher - AMBER
0642091	12-24V DOT Heated Flasher - RED
0642101	12-24V DOT Heated Flasher - BLUE
0642111	12-24V DOT Heated Flasher - GREEN
0642121	12-24V DOT Heated Flasher - WHITE

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

NON-HEATED SINGLE TAIL LIGHTS

PART #	DESCRIPTION
0347861	12-24V DOT Stop, Tail, & Turn Light
0347864	12-24V DOT Stop, Tail, & Turn Light Kit with Harness
0347871	12-24V DOT Turn Signal
0347874	12-24V DOT Turn Signal Kit with Harness
0347881	12-24V DOT Reverse Light
0347884	12-24V DOT Reverse Light Kit with Harness
0346421	12-48V DOT Stop & Tail Light

PART #	ACCESSORIES
4242731	4" Round Rubber Mounting Grommet for Model 234
5869401	4" Round Plastic Mounting Flange for Model 234
8200441	4" Round Stainless Steel Trim Ring for Model 234
8200451	4" Round Chrome Plastic Trim Ring for Model 234
3270501	3-Pin AMP Connector Wire Harness Assembly

Product Specifications

Connector/Wiring:
Flash: 6-Pin Delphi (#12052848)

Mating Connector:
Stop/Tail/Turn, Reverse, & FP: 3-Pin AMP Connector (282087-1)
Flash: 6-Pin Delphi (#12052848)

Operating Voltage:
Stop/Tail/Turn, Reverse, & FP: 12-24V DC
Flash: 9-32V DC

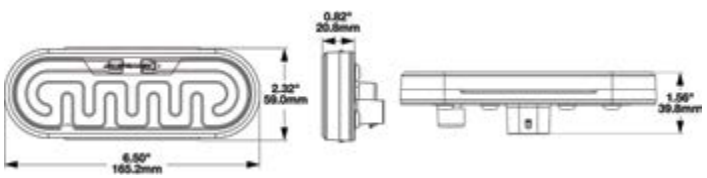
Current Draw*:
Stop/Tail/Turn: 0.15A @ 12V DC; 0.15A @ 24V DC
White Reverse: 0.85A @ 12V DC; 0.85A @ 24V DC
Flash: 1.20A @ 12V DC; 0.70A @ 24V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:

WHITE REVERSE

RED STOP, TAIL, & TURN

AMBER REAR OR FRONT POSITION & TURN



RED FLASH

GREEN FLASH

HEATED SINGLE TAIL LIGHTS

PART #	DESCRIPTION
0346701	12-24V DOT LED Heated Red Stop, Tail, & Turn
0346704	12-24V DOT LED Heated Red Stop, Tail, & Turn w/ Harness
0346711	12-24V DOT LED Heated Amber Rear Turn
0346714	12-24V DOT LED Heated Amber Rear Turn w/ Harness
0346721	12-24V DOT LED Heated White Reverse
0346724	12-24V DOT LED Heated White Reverse w/ Harness
0346781	12-24V DOT LED Heated Amber Front Position/Turn Signal
0346784	12-24V DOT LED Heated Amber Front Position/Turn Signal w/ Harness
0346791	12-24V DOT LED Heated Amber Side Marker
0346794	12-24V DOT LED Heated Amber Side Marker w/ Harness

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

PART #	DESCRIPTION
0646781	12-24V DOT LED Heated Amber Flash Signal Light
0646791	12-24V DOT LED Heated Red Flash Signal Light
0646801	12-24V DOT LED Heated Green Flash Signal Light
0646811	12-24V DOT LED Heated Blue Flash Signal Light
0646821	12-24V DOT LED Heated White Flash Signal Light

PART #	ACCESSORIES
4242891	Rubber Mounting Grommet for Model 274
5870261	Plastic Mounting Flange for Model 274
8200581	Steel L-Shaped Mounting Bracket for Model 274
8200591	Chrome Plastic Trim Ring for Model 274
3270501	3-Pin AMP Connector Wire Harness Assembly

670 XD

SmartHeat HEATED LIGHTING TECHNOLOGY

HEATED AMBER

Product Specifications

Raw Lumen Output:
White: 1,080
Amber: 810

Effective Lumen Output:
White: 780
Amber: 320

Connector/Wiring:
2-Pin Deutsch Socket (DT04-2P)

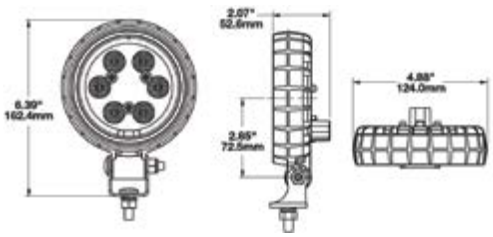
Mating Connector:
2-Pin Deutsch Plug (DT06-2S)

Operating Voltage:
12-24V Flood, Spot, & Trap: 10-30V DC
12-110V Flood, Spot, & Trap: 10-130V DC

Current Draw:
Heated: 2.1A @ 12V; 1.1A @ 24V DC
Non-Heated: 1.3A @ 12V; 0.6A @ 24V DC

Standards & Application:

SAE · SEALED IP67 · SEALED IP69K · MADE IN USA · A · P · T · I



HEATED SINGLE WORK LIGHTS

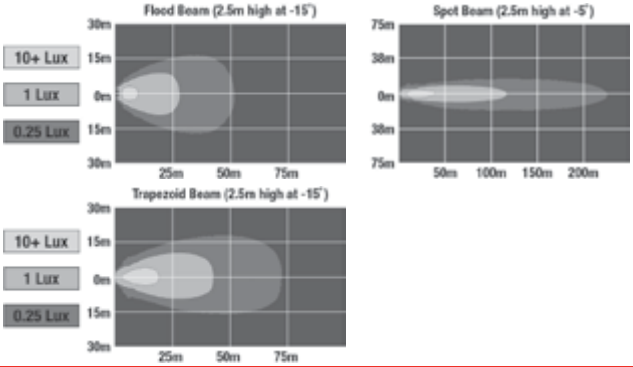
PART #	DESCRIPTION
1403471	12-24V LED Heated Work Light w/ Flood Beam Pattern
1403481	12-24V LED Heated Work Light w/ Spot Beam Pattern
1403491	12-24V LED Heated Amber Work Light w/ Flood Beam Pattern
1403501	12-24V LED Heated Amber Work Light w/ Spot Beam Pattern

NON-HEATED SINGLE WORK LIGHTS

PART #	DESCRIPTION
1403241	12-24V LED Work Light with Flood Beam Pattern
1403261	12-24V LED Work Light with Spot Beam Pattern
1403251	12-24V LED Work Light with Trapezoid Beam Pattern
1403291	12-110V LED Work Light with Flood Beam Pattern
1403281	12-110V LED Work Light with Spot Beam Pattern
1403271	12-110V LED Work Light with Trapezoid Beam Pattern

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Raw Lumen Output:
2,925 (High Beam); 2,025 (Low Beam)

Effective Lumen Output:
1,000 (High Beam); 660 (Low Beam)

Candela Output:
51,000 (High Beam); 23,000 (Low Beam)

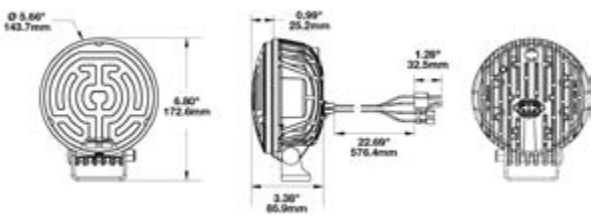
Connector/Wiring:
Delphi #12124107

Input Voltage:
12-24V DC

Current Draw*:
Low Beam: 3.50A @13.5V DC; 1.80A @28V DC
High Beam: 4.00A @13.5 DC; 2.0A @28V DC
DRL: 2.80A @13.5V DC; 1.40A @28V DC
Front Turn: 0.80A @13.5V DC; 0.40A @28V DC
Front Position: 2.40A @13.5V DC; 1.20A @28V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Retrofit Information:
5.75" Round (PAR46)

Standards & Application:



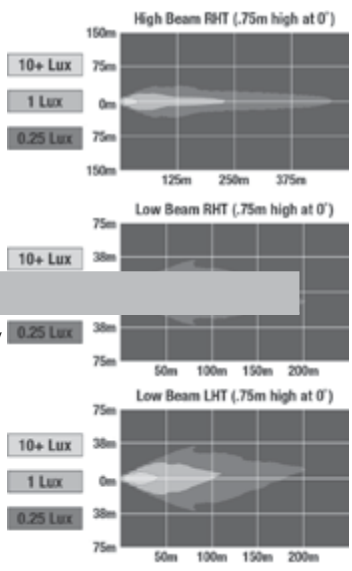
HEATED KIT OF 2 PEDESTAL HEADLIGHTS

PART #	DESCRIPTION
0561303	12-24V DOT/ECE RHT High & Low Beam w/ Turn, FP & DRL - Kit of 2
0561313	12-24V ECE LHT High & Low Beam w/ Turn, FP & DRL - Kit of 2

HEATED SINGLE PEDESTAL HEADLIGHTS

PART #	DESCRIPTION
0561301	12-24V DOT/ECE RHT High & Low Beam w/ Turn, FP & DRL
0561311	12-24V ECE LHT High & Low Beam w/ Turn, FP & DRL

PART #	ACCESSORIES
3268991	5 Function Wire Assembly



If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

8700 EVO 2 DUAL BURN®

SmartHeat HEATED LIGHTING TECHNOLOGY

CHROME DOT HEATED

BLACK ECE HEATED

Product Specifications

Raw Lumen Output:
3,200 (High Beam); 1,770 (Low Beam)

Effective Lumen Output:
1,260 (High Beam); 750 (Low Beam)

Candela Output:
71,500 (High Beam); 35,003 (Low Beam)

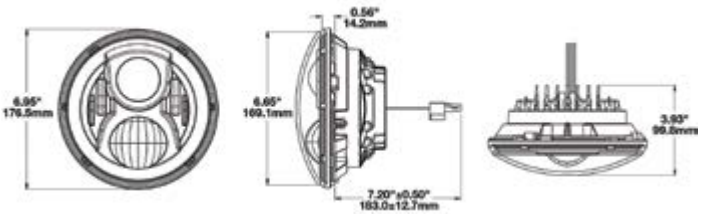
Connector/Wiring:
H4

Operating Voltage:
9-32V DC

Current Draw*:
Heated High Beam:
4.20A @ 12V DC; 2.30A @ 24V DC
Heated Low Beam:
2.00A @ 12V DC; 1.10A @ 24V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Retrofit Information:
7" Round (PAR56)

Standards & Application:



HEATED SINGLE HEADLIGHTS

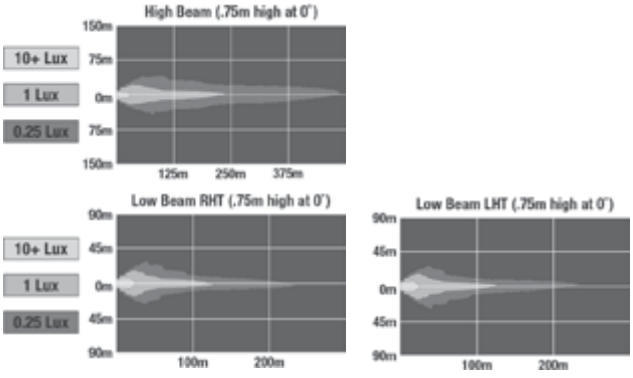
PART #	BEZEL	DESCRIPTION
0556281	Black	12-24V DOT Heated High & Low Beam
0556291	Chrome	12-24V DOT Heated High & Low Beam
0556301	Black	12-24V ECE Heated RHT High & Low Beam w/ DRL & FP
0556311	Chrome	12-24V ECE Heated RHT High & Low Beam w/ DRL & FP
0556321	Black	12-24V ECE Heated LHT High & Low Beam w/ DRL & FP
0556331	Chrome	12-24V ECE Heated LHT High & Low Beam w/ DRL & FP

PART #	ACCESSORIES
3156351	Mounting Ring Kit for 7" Round (PAR56) Headlights
3266081	Jumper Harness H4/H13
8000381	Anti-Flicker Harness H4/H4
8000311	Anti-Flicker Harness H4/H13

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

NON-HEATED SINGLE HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0554941	Black	12-24V DOT High & Low Beam
0554961	Chrome	12-24V DOT High & Low Beam
0554981	Black	12-24V DOT High & Low Beam w/ Mounting Ring
0554991	Chrome	12-24V DOT High & Low Beam w/ Mounting Ring



Product Specifications

Raw Lumen Output:
3,600 (High Beam); 3,020 (Low Beam)

Effective Lumen Output:
1,320 (High Beam); 1,201 (Low Beam)

Candela Output:
68,800 (High Beam); 24,800 (Low Beam)

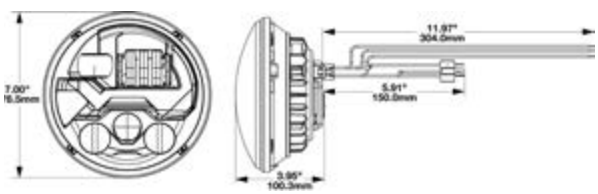
Connector/Wiring:
H4

Operating Voltage:
9-16V DC

Current Draw*:
Heated High Beam: 6.40A @ 12V DC
Heated Low Beam: 5.70A @ 12V DC
Heated Front Turn/DRL: 5.50A @ 12V DC
Heated Front Position: 2.70A @ 12V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Retrofit Information:
7" Round Headlights or 2D1 PAR56

Standards & Application:



LEFT HAND

RIGHT HAND

HEATED SINGLE HEADLIGHTS

PART #	DESCRIPTION
0558201	12V RHT DOT/ECE High & Low Beam Heated - RH Light
0558211	12V RHT DOT/ECE High & Low Beam Heated - LH Light
0558281	12V LHT ECE High & Low Beam Heated - RH Light
0558291	12V LHT ECE High & Low Beam Heated - LH Light

NON-HEATED SINGLE HEADLIGHTS

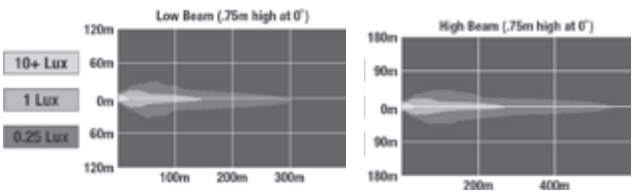
PART #	DESCRIPTION
0558161	12V RHT DOT/ECE High & Low Beam - RH Light
0558171	12V RHT DOT/ECE High & Low Beam - LH Light
0558261	12V LHT ECE High & Low Beam - RH Light
0558271	12V LHT ECE High & Low Beam - LH Light

HEATED KIT OF 2 HEADLIGHTS

PART #	DESCRIPTION
0558133	12V RHT DOT/ECE High & Low Beam Heated - Kit of 2
0558281	12V LHT ECE High & Low Beam Heated - Kit of 2

NON-HEATED KIT OF 2 HEADLIGHTS

PART #	DESCRIPTION
0558123	12V RHT DOT/ECE High & Low Beam - Kit of 2
0558243	12V LHT ECE High & Low Beam - Kit of 2



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

8730

SmartHeat
HEATED LIGHTING TECHNOLOGY

Product Specifications

Raw Lumen Output:
3,547(High Beam); 2,800 (Low Beam)

Effective Lumen Output:
1,400 (High Beam); 925 (Low Beam)

Candela Output:
62,100 (High Beam); 20,500 (Low Beam)

Connector/Wiring:
H4

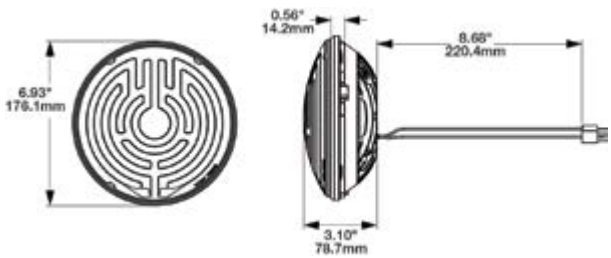
Mating Connector:
H4 AMP#172615-2

Operating Voltage:
9-30V DC

Current Draw:
Heated High Beam: 5.25A @ 12V DC; 2.50A @ 24V DC
High Beam: 2.75A @ 12V DC; 1.25A @ 24V DC
Heated Low Beam: 2.25A @ 12V DC; 4.25A @ 24V DC
Low Beam: 2.25A @ 12V DC; 1.00A @ 24V DC

Retrofit Information:
7" Round (PAR56)

Standards & Application:



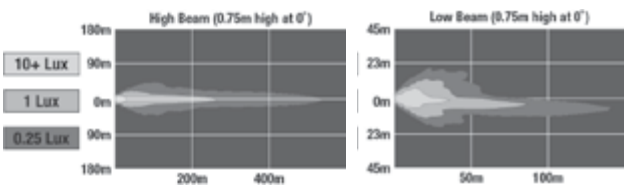
HEATED KIT OF 2 HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0555883	Black	Heated RH & LH Headlight - Kit of 2
0557463	Chrome	Heated RH & LH Headlight - Kit of 2

NON-HEATED KIT OF 2 HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0557423	Black	RH & LH Headlight - Kit of 2
0557493	Chrome	RH & LH Headlight - Kit of 2

PART #	ACCESSORIES
8200791	Thomas Built Bus 7inch Headlight Mounting Kit



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Raw Lumen Output:
Spot: 2,200
Warm White Spot: 3,450 (High Beam), 640 (Low Beam)

Effective Lumen Output:
Spot: 1,800
Warm White Spot: 2,600 (High Beam), 260 (Low Beam)

Candela Output:
Heated: 230,000
Non-Heated Spot: 260,000
Warm White Spot:
200,000 (High Beam), 26,000 (Low Beam)
Non-Heated Warm White Spot:
215,000 (High Beam), 21,500 (Low Beam)

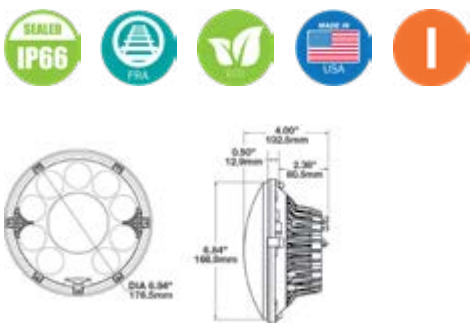
Connector/Wiring:
Standard Sealed Beam Style Screw Terminals

Operating Voltage:
18-130V DC

Current Draw:
High Output:
3.20A @ 24V DC; 1.20A @ 75V DC; 0.85A @ 110V DC
Low Output:
2.60A @ 24V DC; 0.85A @ 75V DC; 0.75A @ 110V DC

Retrofit Information:
2D1 “PAR56” or 7” Round Headlights

Standards & Application:

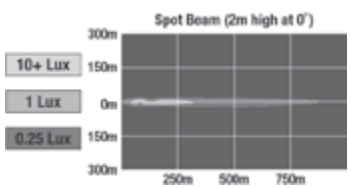


HEATED

NON-HEATED

HEATED SINGLE HEADLIGHTS

PART #	DESCRIPTION
0551901	24-110V LED Locomotive Heated Headlight w/ Spot Beam Pattern
0561031	24-110V LED Locomotive Heated Headlight with Warm White Spot Beam Pattern



NON-HEATED SINGLE HEADLIGHTS

PART #	DESCRIPTION
0554601	24-110V LED Locomotive Headlight with Spot Beam Pattern
0561061	24-110V LED Locomotive Headlight with Warm White Spot Beam Pattern

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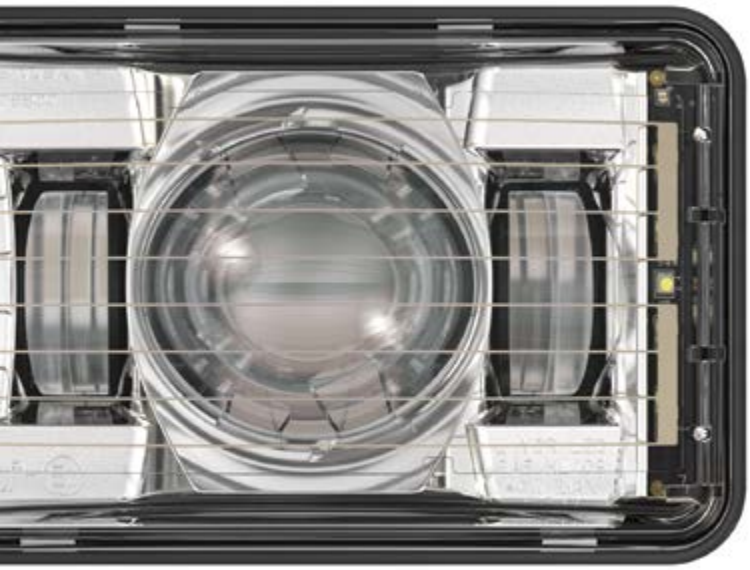
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

8800 EVOLUTION 2



HIGH BEAM, HEATED

Product Specifications

Raw Lumen Output:
2,250 (High Beam); 2,830 (Low Beam)

Effective Lumen Output:
898 (High Beam); 782 (Low Beam)

Candela Output:
73,200 (High Beam); 29,800 (Low Beam)

Connector/Wiring:
H4 Connector - AMP (#172615-2)

Mating Connector:
LH Terminal - AMP (#172795-1);
RH Terminal - AMP (#172796-1)

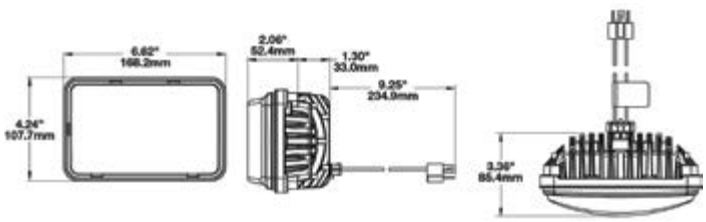
Operating Voltage:
9-32V DC

Current Draw:
Heated: 3.30A @ 12V DC; 1.67A @ 24V DC
Non-Heated: 2.10A @ 12V DC; 1.00A @ 24V DC

Retrofit Information:
4" x 6" Rectangle; 1A1 and 2A1 Sealed Beams

Standards & Application:

LOW BEAM, HEATED



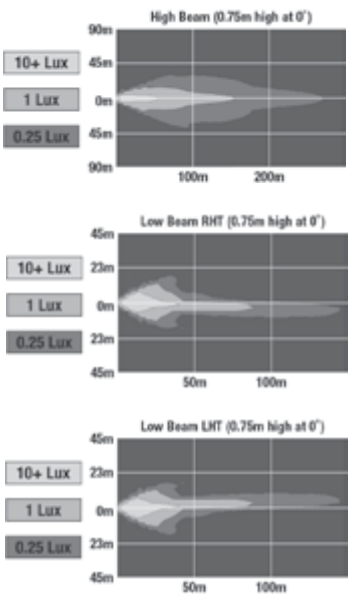
HEATED SINGLE HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0551771	Chrome	12-24V DOT/ECE RHT Heated Low Beam
0552651	Black	12-24V DOT/ECE RHT Heated Low Beam
0552091	Chrome	12-24V ECE LHT Heated Low Beam
0552661	Black	12-24V ECE LHT Heated Low Beam
0551781	Chrome	12-24V DOT/ECE Heated High Beam
0552671	Black	12-24V DOT/ECE Heated High Beam

NON-HEATED SINGLE HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0551371	Chrome	12-24V DOT/ECE RHT Low Beam
0552551	Black	12-24V DOT/ECE RHT Low Beam
0551391	Chrome	12-24V ECE LHT Low Beam
0552561	Black	12-24V ECE LHT Low Beam
0551381	Chrome	12-24V DOT/ECE High Beam
0552571	Black	12-24V DOT/ECE High Beam

PART #	ACCESSORIES
3269601	Low Beam Harness for 8800 Evolution 2
3269611	High Beam Harness for 8800 Evolution 2



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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

8910 EVOLUTION 2

Product Specifications

Raw Lumen Output:
3,015 (High Beam); 2,250 (Low Beam)

Effective Lumen Output:
1,320 (High Beam); 975 (Low Beam)

Connector/Wiring:
H4

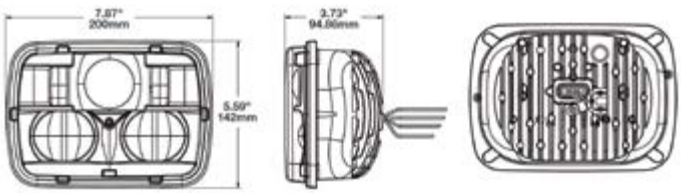
Mating Connector:
H4 AMP#172615-2

Operating Voltage:
10-32V DC

Current Draw:
High Beam: 5.35A @ 12V DC; 2.50A @ 24V DC
Low Beam: 4.30A @ 12V DC; 2.10A @ 24V DC
Front Position: 2.80A @ 12V DC; 1.32A @ 24V DC

Retrofit Information:
5" x 7" Rectangle; 2B1 Sealed Beams

Standards & Applications:



HEATED KIT OF 2 HEADLIGHTS

PART #	BEZEL	DESCRIPTION
0554481	Black	12-24V DOT/ECE RHT High & Low Beam with FP
0554461	Chrome	12-24V DOT/ECE RHT High & Low Beam with FP
0554441	Black	12-24V ECE LHT High & Low Beam with FP
0554421	Chrome	12-24V ECE LHT High & Low Beam with FP

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

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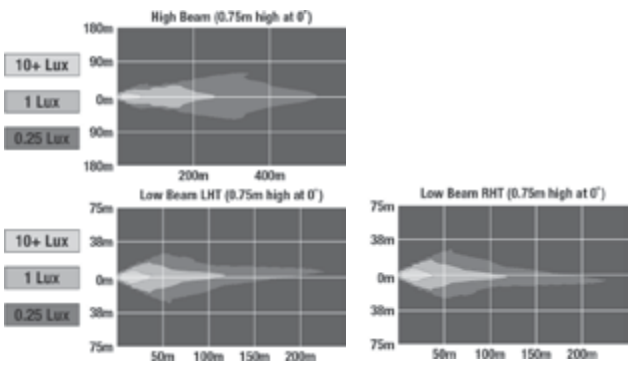
PART #	ACCESSORIES
8000381	H4/H4 Anti-Flicker Harness



9600 POD

Look Forward. Shine Brighter.

Rediscover the beauty of your Peterbilt truck in a new way. The Model 9600 Peterbilt POD LED Headlight is expertly engineered with outstanding durability, stunning performance, and superior visibility. The iconic plug and play POD light design delivers an innovative style to complement and enhance Peterbilt 388/389 & 567 trucks.

This 5-in-1 headlight uses a unique “blade” design to integrate turn signal performance and front position optics while using Bi-LED technology to digitally switch between high and low beam. Complete with optional SmartHeat® technology, the Model 9600 is designed to automatically remove ice and snow from the lens, giving Peterbilt drivers better visibility in treacherous winter conditions.

PRODUCT SPECIFICATIONS

Raw Lumen Output:
2,895 (High Beam); 1,200 (Low Beam)

Effective Lumen Output:
1,020 (High Beam); 6,14 (Low Beam)

Candela Output:
50,400 (High Beam); 26,690 (Low Beam)

Connector/Wiring:
Deutsch DT04-8PA

Mating Connector:
Deutsch DT06-8SA

Operating Voltage:
9-18V DC

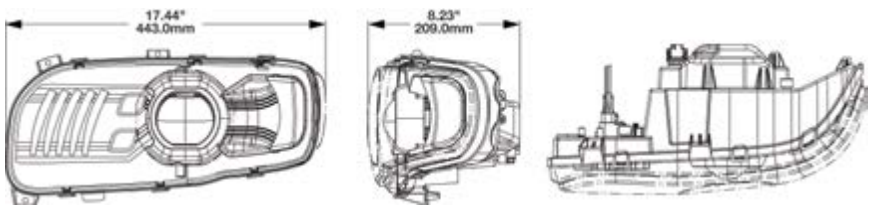
Current Draw:
High Beam: 4.2A @ 12V DC
Low Beam: 2.1A @ 12V DC
Turn: 2.15A @ 12V DC
Side Marker/Parking: 0.34A @ 12V DC

Retrofit Information:
Peterbilt 388/389 & 567

Standards & Application:

HIGH BEAM | LOW BEAM & TURN | HIGH BEAM

FRONT POSITION | DRL

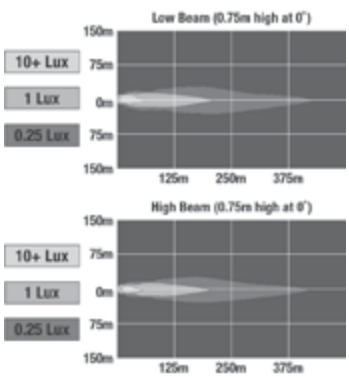


HEATED SINGLE HEADLIGHTS

PART #	DESCRIPTION
0556661	12V Peterbilt LED Heated Headlight - Left-Hand
0556671	12V Peterbilt LED Heated Headlight - Right-Hand

NON-HEATED SINGLE HEADLIGHTS

PART #	DESCRIPTION
0556681	12V Peterbilt LED Headlight - Left-Hand
0556691	12V Peterbilt LED Headlight - Right-Hand



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

SmartHeat
HEATED LIGHTING TECHNOLOGY

HEATED DOT

Product Specifications

Raw Lumen Output:
2,880 (High Beam); 2,160 (Low Beam)

Effective Lumen Output:
1,150 (High Beam); 800 (Low Beam)

Candela Output:
52,000 (High Beam)

Mating Connector:
6-Pin Delphi 12052848

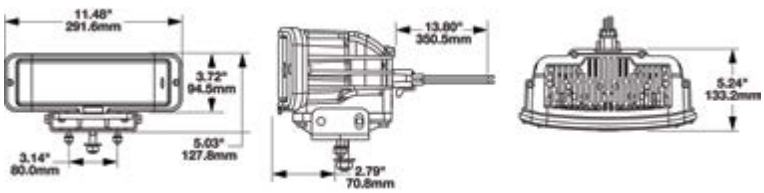
Operating Voltage:
10-15V DC; 20-32V DC

Current Draw:
High Beam: 3.40A @ 12V DC; 1.60A @ 24V DC
Low Beam: 2.70A @ 12V DC; 1.20A @ 24V DC
Turn Signal: 0.85A @ 12V DC; 0.27A @ 24V DC
FP & DRL: 0.04A @ 12V DC; 0.03A @ 24V DC

Retrofit Information:
5" x 11" Rectangle; Pedestal Mount Headlights

Standards & Applications:

ECE WITH DRL

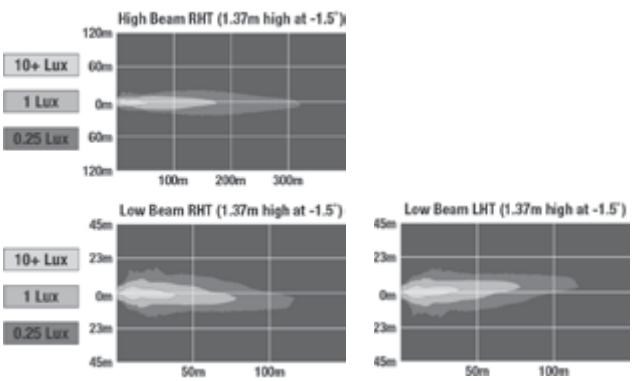


HEATED KIT OF 2 HEADLIGHTS

PART #	DESCRIPTION
0552243	12V DOT LED Heated Headlight - Kit of 2
0551803	24V DOT LED Heated Headlight - Kit of 2
0552433	12V ECE LED LHT Heated Headlight - Kit of 2
0551863	24V ECE LED LHT Heated Headlight - Kit of 2
0552423	12V ECE LED RHT Heated Headlight - Kit of 2
0551833	24V ECE LED RHT Heated Headlight - Kit of 2

NON-HEATED KIT OF 2 HEADLIGHTS

PART #	DESCRIPTION
0550061	12-24V DOT LED Headlight - Kit of 2
0550161	12-24V ECE LED RHT Headlight - Kit of 2
0550171	12-24V ECE LED LHT Headlight - Kit of 2



If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

9800 HIGH SPEED

Product Specifications

Raw Lumen Output:
2,880 (High Beam); 2,160 (Low Beam)

Effective Lumen Output:
1,150 (High Beam); 800 (Low Beam)

Candela Output:
52,000 (High Beam)

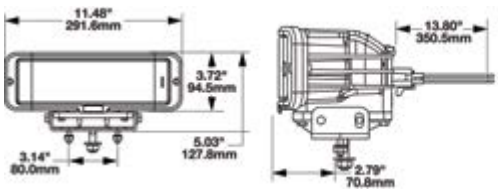
Mating Connector:
6-Pin Delphi 12052848

Operating Voltage:
12-24V DC

Current Draw:
High Beam: 2.50A @ 12V DC; 1.50A @ 24V DC
Low Beam: 1.75A @ 12V DC; 1.00A @ 24V DC
Turn: 0.750A @ 12V DC; .280A @ 24V DC
Front Position: 0.040A @ 12V DC; .025A @ 24V DC
Heater: 2.00A @ 12V DC; 1.75A @ 24V DC

Retrofit Information:
5" x 11" Rectangle; Pedestal Mount Headlights

Standards & Applications:



HEATED KIT OF 2 HEADLIGHTS

PART #	DESCRIPTION
0555743	12-24V DOT LED HS Heated Headlight - Kit of 2

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

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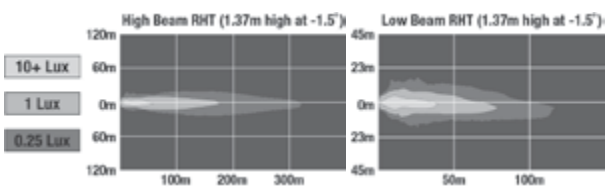
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



9900 LOW PROFILE

RIGHT HAND LAMP

LEFT HAND LAMP

Product Specifications

Raw Lumen Output:
4,300 (High Beam); 2,370 (Low Beam)

Effective Lumen Output:
1,060 (High Beam); 587 (Low Beam)

Candela Output:
58,000 (High Beam)

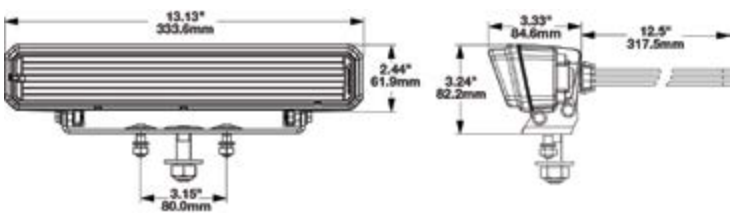
Connector/Wiring:
6-Pin Delphi 12052848

Operating Voltage:
9-30V DC

Current Draw:
High Beam: 5.00A @ 12V DC; 3.00A @ 24V DC
Low Beam: 3.50A @ 12V DC; 2.25A @ 24V DC
Turn: 1.20A @ 12V DC; .75A @ 24V DC
Front Position: 2.00A @ 12V DC; 1.50A @ 24V DC
DRL: 2.50A @ 12V DC; 1.75A @ 24V DC

Retrofit Information:
3" x 13" Rectangle; Pedestal Mount Headlights

Standards & Application:



HEATED KIT OF 2 HEADLIGHTS

PART #	DESCRIPTION
0556273	12-24V DOT/ECE RHT Heated LP Headlight - Kit of 2
0556383	12-24V ECE LHT Heated LP Headlight - Kit of 2

If your vehicle is operated in the United States you do NOT need to connect the Front Position wire (red) unless your vehicle is equipped with a front position light.

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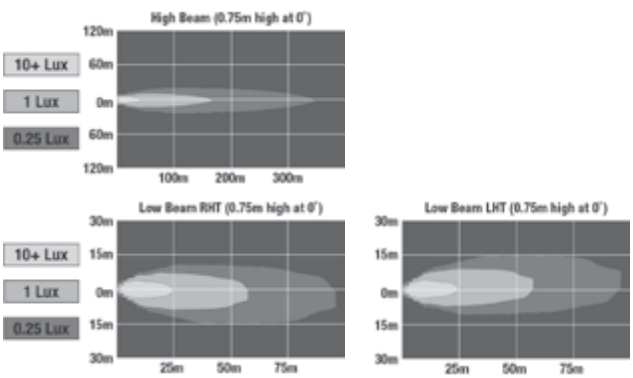
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



9900
LOW PROFILE

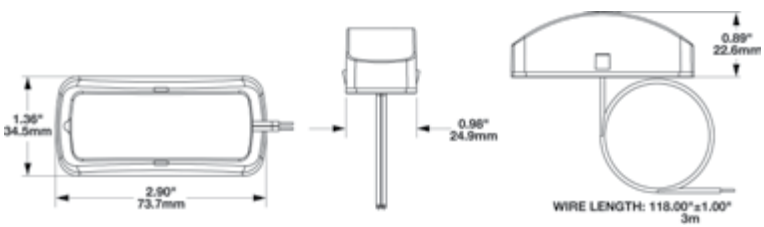
SIGNAL LIGHTS

Products featured: Model 274, Model 220, Model 803, and Model 279 J

TAB

RED

AMBER CLEAR/WHITE



Product Specifications

Connector/Wiring:
118" Bare Leads

Input Voltage:
12-24V DC

Current Draw:
Amber & Red: 0.090 (Max)A @ 12V DC
Clear/White: 0.061A @ 12V DC; 0.061A @ 24V DC

Standards & Application:

SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0205321	12-24V ECE/SAE Red Side Marker Light w/ Mounting Assembly
0205341	12-24V ECE/SAE Amber Side Marker Light w/ Mounting Assembly
0443051	12-24V Clear/White LED Dome Light w/ Mounting Assembly

PART #	ACCESSORIES
5856032	Replacement Mounting Assembly for Model 150

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

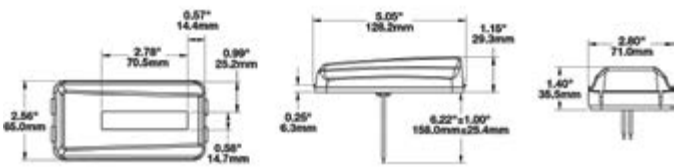
Connector/Wiring:
Clear: Deutsch DT04-2P
Amber: 6” Bare Leads
Amber Marker: Deutsch DT04-3P

Input Voltage:
12-24V DC

Current Draw:
0.41A @ 12V DC; 0.2A @ 24V DC

Standards & Application:

CLEAR



AMBER

SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0344301	12-24V ECE/SAE LED Clear Side Turn Signal w/ Mount
0344311	12-24V ECE/SAE LED Amber Side Turn Signal w/ Mount
0344461	12-24V ECE/SAE LED Amber Side Marker/Side Turn Signal

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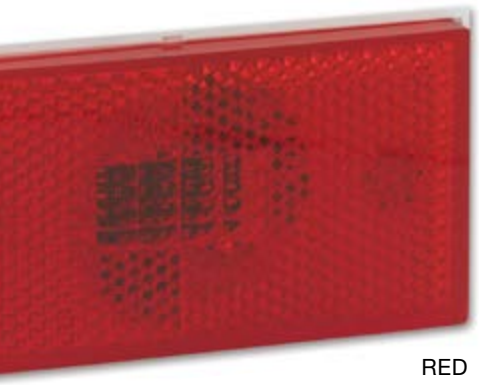
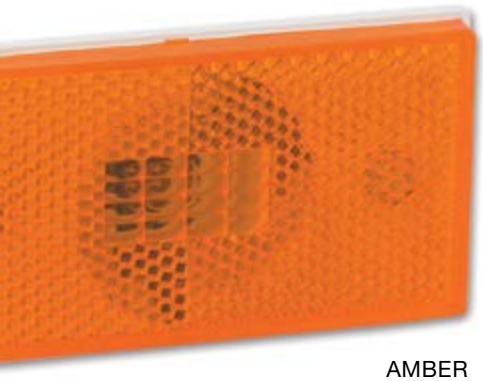


RED



AMBER

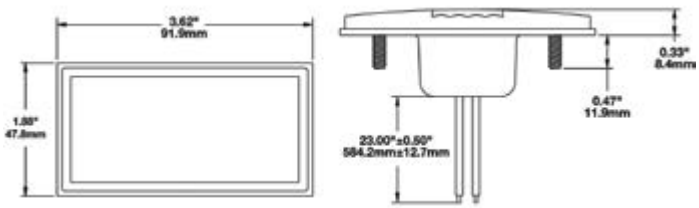
Product Specifications

Connector/Wiring:
23" Bare Leads

Input Voltage:
12V DC

Current Draw:
0.055-0.070A @ 12V DC

Standards & Application:



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0230721	12V ECE/SAE Red LED Side Marker Light
0230731	12V ECE/SAE Amber LED Side Marker Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

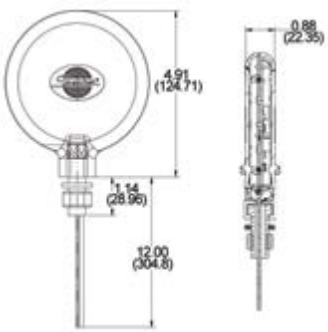
Product Specifications

Connector/Wiring:
12" Bare Leads

Operating Voltage:
12-24V DC

Current Draw:
Stop: 0.10A @ 12V DC; 0.05A @ 24V DC
Tail: 0.010A @ 12V DC; 0.006A @ 24V DC
Turn: 0.575A @ 12V DC; 0.267A @ 24V DC

Standards & Application:



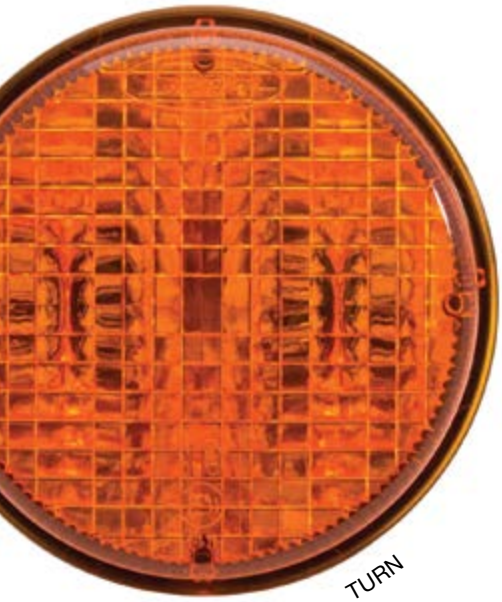
STOP & TAIL

WITH GUARD

SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0341681	12-24V SAE Double-Sided Turn Signal without Guard
0341931	12-24V SAE Double-Sided Turn Signal with Guard
0342771	12-24V ECE/SAE Single-Sided Stop & Tail Light without Guard
0342781	12-24V ECE/SAE Single-Sided Stop & Tail Light with Guard

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



Product Specifications

Connector/Wiring:
610mm Cable

Input Voltage:
12-24V DC

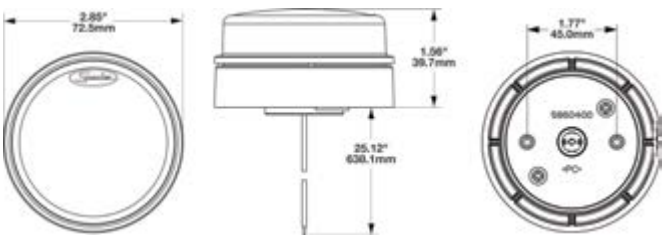
Current Draw:
Stop: 0.10A @ 12V DC; 0.05A @ 24V DC
Tail: 0.03A @ 12V DC; 0.02A @ 24V DC
Turn: 0.20A @ 12V DC; 0.10A @ 24V DC
Backup: 0.12A @ 12V DC; 0.07A 24V DC
DRL: 0.55A @ 12V DC; 0.30A @ 24V DC
Front Position: 0.05A @ 12V DC; 0.03A @ 24V DC

Standards & Application:

BACKUP OR DRL/FP

STOP

TURN W/ MOUNT



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0345411	12-24V ECE LED Stop & Tail Light
0345521	12-24V SAE/ECE LED Turn Signal w/ Mounting Adapter
0345441	12-24V SAE/ECE LED Turn Signal
0345421	12-24V SAE/ECE LED Backup Light
0345451	12-24V SAE/ECE LED DRL & FP Light
0345461	12-24V SAE/ECE LED DRL & FP Light w/ Mounting Adapter

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

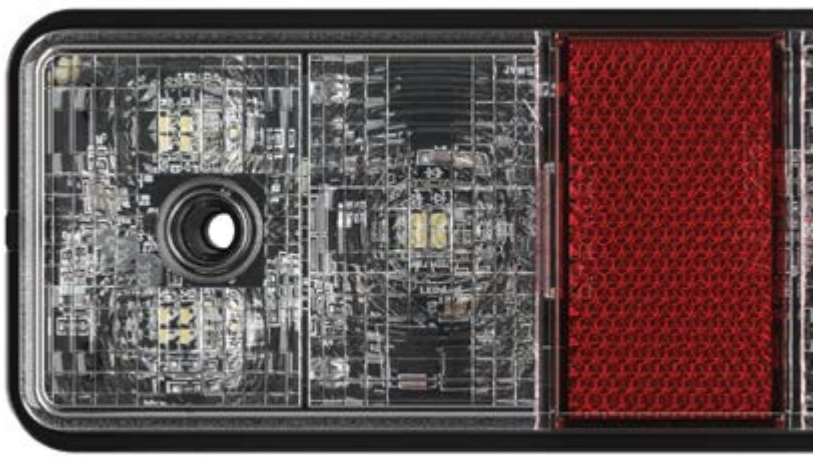
Connector/Wiring:
Integral DT04-6P

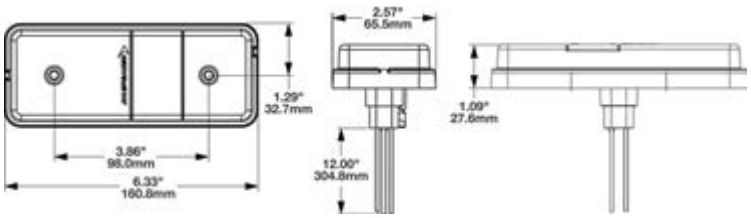
Mating Connector:
DT06-6S

Operating Voltage:
6-32V DC

Current Draw:
Stop: 0.16A @ 12V; 0.10A @ 24V DC
Tail: 0.02A @ 12V; 0.01A @ 24V DC
Turn: 1.42A @ 12V; 0.71A @ 24V DC
Backup: 0.14A @ 12V; 0.07A @ 24V DC

Standards & Application:





SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0338101	12-24V ECE Stop, Tail & Turn Signal Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

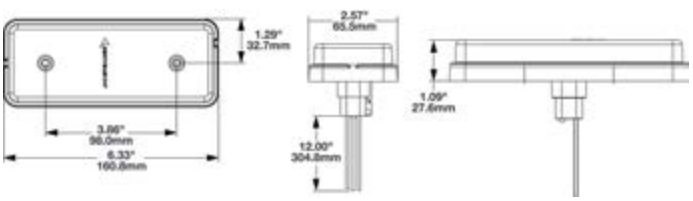
Connector/Wiring:
Integral DT04-6P

Mating Connector:
DT06-6S

Operating Voltage:
6-32V DC

Current Draw:
Turn: 1.42A @ 12V DC; 0.71A @ 24V DC
Front Position: 0.10A @ 12V DC;
0.05A @ 24V DC

Standards & Application:



SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0338111	12-24V ECE LED Front Position & Front Turn Signal Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Connector/Wiring:
Integrated 4-Pin Deutsch Socket (DT04-4P)

Mating Connector:
4-Pin Deutsch Plug (DT06-4S)

Input Voltage:
12-24V DC

Current Draw:
Turn: 2.250 A @ 12V DC
Front Position: 0.250A @ 12V DC
Stop, Tail, & Turn: 0.33A @ 12V DC; 0.145A @ 24V DC

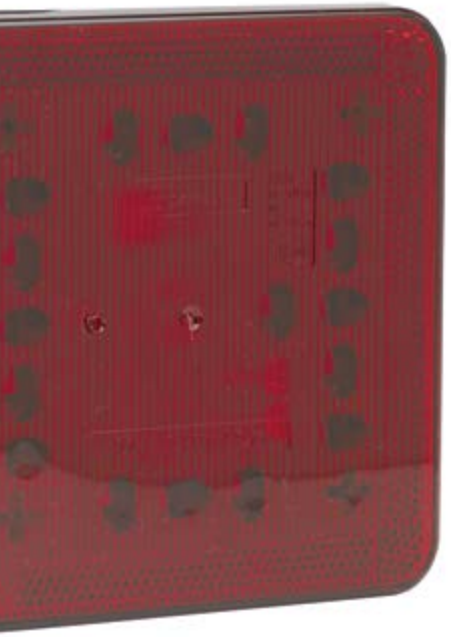
Standards & Application:

STOP, TAIL, TURN

FRONT POSITION
FRONT TURN

SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0341711	12-24V ECE LED Front Position/Front Turn Signal Light
0341701	12-24V ECE LED Stop, Tail & Turn Signal Light w/ Harness



STOP & TAIL

Product Specifications

Mating Connector:
4-Pin Deutsch DT06-4S

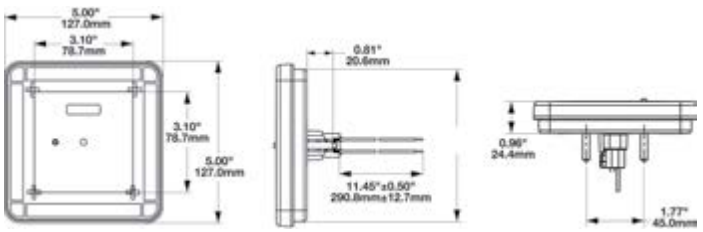
Input Voltage:
12-24V DC

Current Draw:
Backup Light: 0.145A @ 12V DC; 0.082A @ 24V DC
Fog Light: 0.338A @ 12V DC; 0.156A @ 24V DC
Stop & Tail: 0.190A @ 12V DC; 0.030A @ 12V DC
Turn: 2.20A @ 12V DC; 1.14A @ 24V DC

Standards & Application:

REAR FOG

TURN SIGNAL
AMBER



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0442611	12-24V ECE/SAE LED Backup with Harness
0342361	12-24V ECE LED Rear Fog with Harness
0342301	12-24V ECE/SAE LED Stop & Tail
0342291	12-24V ECE/SAE LED Turn Signal

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

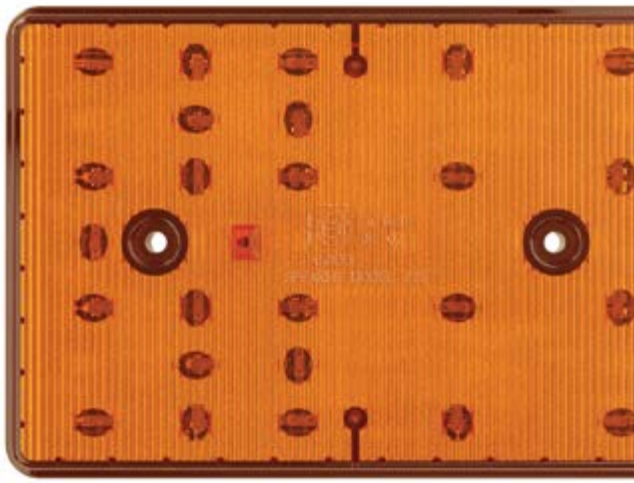
Connector/Wiring:
Deutsch DT04-4P

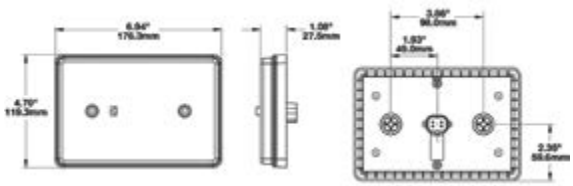
Mating Connector:
Deutsch DT06-4S

Operating Voltage:
10-32V DC

Current Draw:
1.40A @ 12V DC; 0.86A @ 24V DC

Standards & Application:





SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0347431	12-24V ECE/SAE Stop, Tail & Turn Signal

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

TURN SIGNAL REVERSE LIGHT

FLASH

STOP, TAIL, & TURN

Product Specifications

Effective Lumen Output:
Stop/Tail/Turn: 54
Amber Turn & White Reverse: 7

Operating Voltage:
Stop/Tail/Turn & Flash: 9-32V DC
Amber Turn & White Reverse: 10-32V DC

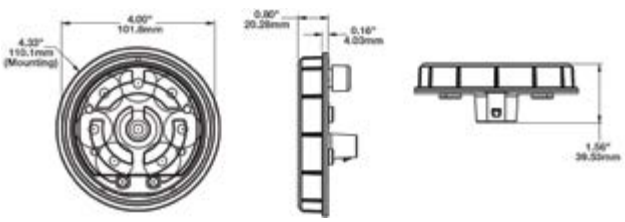
Connector/Wiring:
Stop/Tail/Turn & Amber Turn: Bare Leads
White Reverse: AMP 282087-1
Flash: 6-Pin Delphi (#12052848)

Mating Connector:
Stop/Tail/Turn, Amber Turn, & White Reverse: None; Sold Separately
Flash: Delphi (#12052848)

Current Draw*:
Stop/Turn: 1.3A @ 12V DC; 0.7A @ 24V DC
Heater: 0.80A @ 12V DC; 0.40A @ 24V DC

* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:



HEATED SINGLE TAIL LIGHTS

PART #	DESCRIPTION
0346261	12-24V DOT Heated Red Stop, Tail, & Turn Light
0346264	12-24V DOT Heated Red Stop, Tail, & Turn Light Kit w/ Harness
0347811	12-24V DOT Heated Amber Turn Signal
0347814	12-24V DOT Heated Amber Turn Signal Kit w/ Harness
0346471	12-24V DOT Heated White Reverse Light
0346474	12-24V DOT Heated White Reverse Light Kit w/ Harness
0642081	12-24V DOT Heated Flasher - AMBER
0642091	12-24V DOT Heated Flasher - RED
0642101	12-24V DOT Heated Flasher - BLUE
0642111	12-24V DOT Heated Flasher - GREEN
0642121	12-24V DOT Heated Flasher - WHITE

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

NON-HEATED SINGLE TAIL LIGHTS

PART #	DESCRIPTION
0347861	12-24V DOT Stop, Tail, & Turn Light
0347864	12-24V DOT Stop, Tail, & Turn Light Kit with Harness
0347871	12-24V DOT Turn Signal
0347874	12-24V DOT Turn Signal Kit with Harness
0347881	12-24V DOT Reverse Light
0347884	12-24V DOT Reverse Light Kit with Harness
0346421	12-48V DOT Stop & Tail Light

PART #	ACCESSORIES
4242731	4" Round Rubber Mounting Grommet for Model 234
5869401	4" Round Plastic Mounting Flange for Model 234
8200441	4" Round Stainless Steel Trim Ring for Model 234
8200451	4" Round Chrome Plastic Trim Ring for Model 234
3270501	3-Pin AMP Connector Wire Harness Assembly

MODEL
234

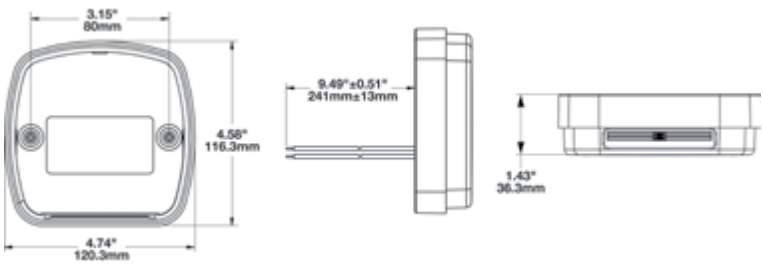
Product Specifications

Mating Connector:
4-Pin Deutsch Plug (DT06-4S)

Input Voltage:
12-24V DC

Current Draw:
Stop: 0.350A @ 12V DC
Tail: 0.130A @ 12V DC
Turn: 1.300 A @ 12V DC

Standards & Application:



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0343141	12-24V ECE LED Stop, Tail & Turn Signal w/ License Plate Illuminator
0343151	12-24V ECE LED Stop, Tail & Turn Signal

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Connector/Wiring:
Leads with Connector

Mating Connector:
Delphi 13590270

Operating Voltage:
9-16V DC

Current Draw:
Amber & Clear FP: 0.09A @ 12V DC
Amber & Clear Turn: 1.91A @ 12V DC
Smoked FP: 0.12A @ 12V DC
Smoked Turn: 2.10A @ 12V DC

Standards & Application:

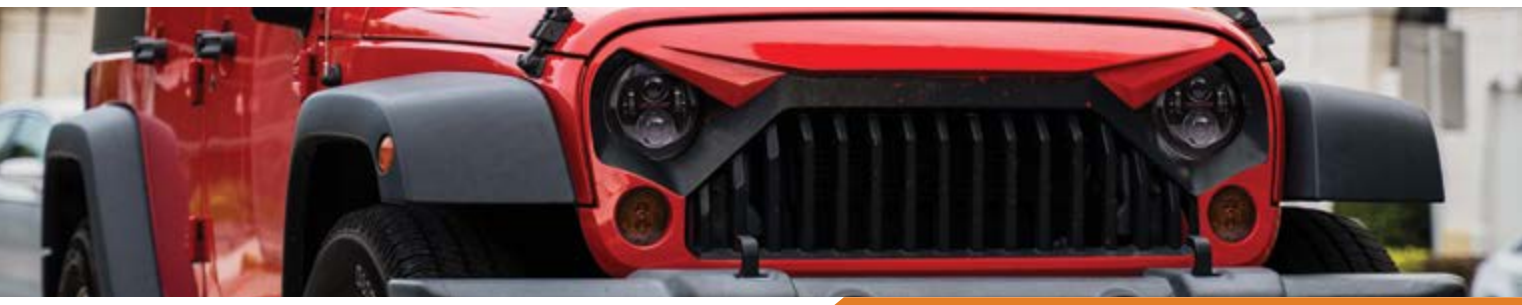
CLEAR

AMBER SMOKED

KIT OF 2 SIGNAL LIGHTS

PART #	DESCRIPTION
0346483	12V DOT/ECE LED Round Turn Signals with Amber Lens - Kit of 2
0346493	12V DOT/ECE LED Round Turn Signals with Clear Lens - Kit of 2
0346503	12V DOT/ECE LED Round Turn Signals with Smoked Lens - Kit of 2

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



STOP & TAIL

Product Specifications

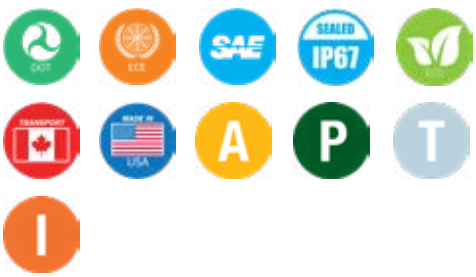
Connector/Wiring:
3-Pin Deutsch DT04-3P

Mating Connector:
3-Pin Deutsch DT06-3S

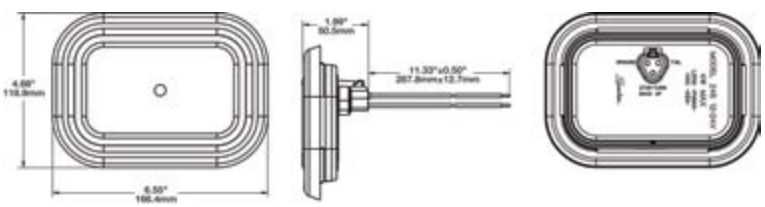
Input Voltage:
12-24V DC

Current Draw:
Backup: 0.4A @ 12V DC; 0.23A @ 24V DC
Stop: 0.167A @ 12V DC; 0.097A @ 24V DC
Tail: 0.010A @ 12V DC; 0.030 A @ 24V DC
Turn: 0.35A @ 12V DC; 0.125A @ 24V DC

Standards & Application:



BACKUP TURN



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0443081	12-24V ECE/SAE LED Backup Light
0343911	12-24V ECE/SAE LED Stop & Tail Light
0343921	12-24V ECE/SAE LED Turn Signal Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Mating Connector:
DOT/ECE: 6-Pin Deutsch Plug (DT04-6P)
DOT/SAE: JAE 4 Pin

Input Voltage:
9-30V DC

Operating Voltage:
12-24V DC

Current Draw:
ECE Stop: 0.287A @ 13.5V; 0.158A @ 27V DC
ECE Turn: 0.088A @ 13.5V; 0.073A @ 27V DC
ECE Fog: 0.284A @ 13.5V; 0.157A @ 27V DC
ECE Tail: 0.024A @ 13.5V; 0.023A @ 27V DC
ECE Backup: 0.293A @ 13.5V; 0.176A @ 27V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:

DOT/ECE

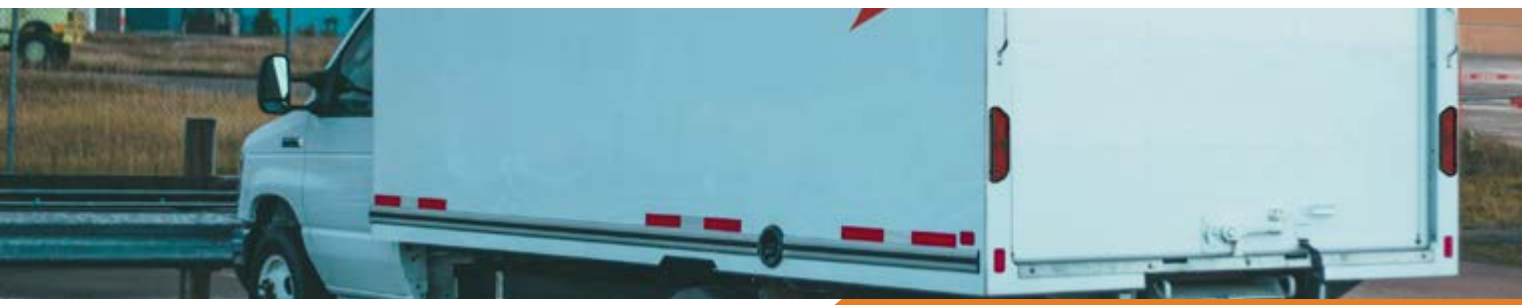
DOT/SAE

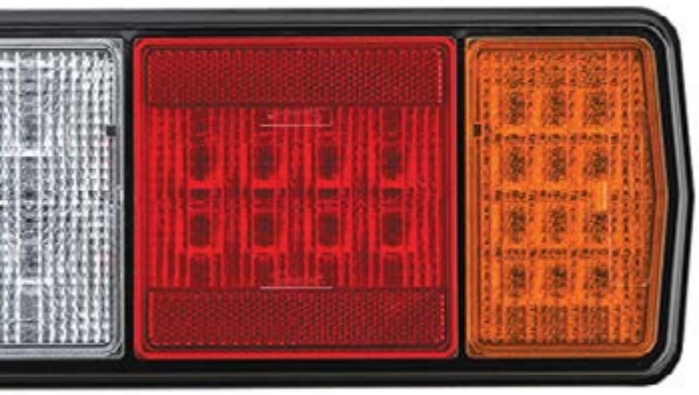
SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0347951	12-24V DOT/SAE LED Stop & Tail Light & Red Lens
0347961	12-24V DOT/ECE LED Stop, Tail, Turn, & Backup Light & Clear Lens

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

PART #	ACCESSORIES
8200921	Pedestal Mount for Model 260 SAE and 905
8200931	Panel Mount for Model 260 SAE and 905
8201051	Pedestal Mount for Model 260 ECE
8201061	Panel Mount for Model 260 ECE





Product Specifications

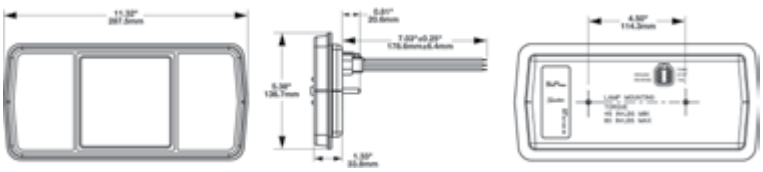
Connector/Wiring:
6-Pin Deutsch Socket (DT04-6P-E004); Others available

Mating Connector:
6-Pin Deutsch Plug (DT06-6S); Others Available

Input Voltage:
12-24V DC

Current Draw:
Stop: 0.115A @ 12V DC; 0.075A @ 24V DC
Tail: 0.010A @ 12V DC; 0.010A @ 24V DC
Turn: 0.115A @ 12V DC; 0.080A @ 24V DC
Reverse: 0.045A @ 12V DC; 0.028A @ 24V DC

Standards & Application:



SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0342421	12-24V ECE/SAE LED Stop, Tail, Turn Signal & Backup

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

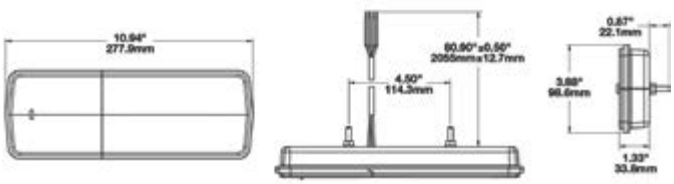
Connector/Wiring:
Integrated 4-Pin Deutsch Socket (DT04-4P)

Mating Connector:
4-Pin Deutsch Plug (DT06-4S)

Input Voltage:
12-24V DC

Current Draw:
Stop: 0.375A @ 12V; 0.250A @ 24V DC
Tail: 0.075A @ 12V; 0.05A @ 24V DC
Turn: 0.450A @ 12V; 0.325A @ 24V DC

Standards & Application:

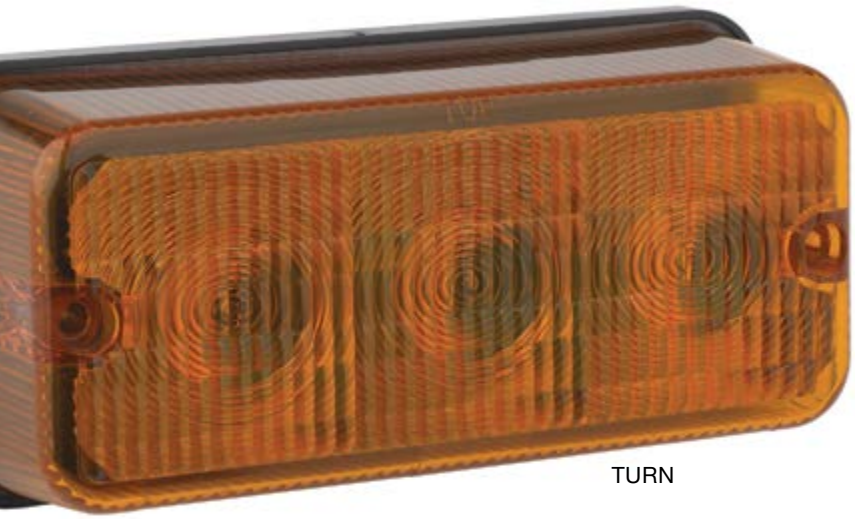


SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0339711	12-24V ECE/SAE LED Stop, Tail & Turn Signal Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

270



TURN

Product Specifications

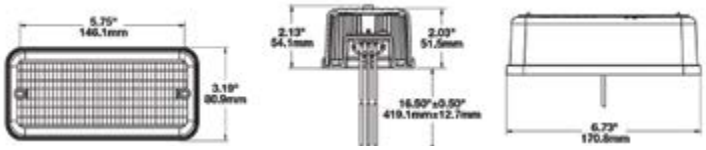
Connector/Wiring:
Stop/Tail: 16" Bare Leads
Turn: 6" Bare Leads

Input Voltage:
12V DC

Current Draw:
Stop: 0.070A @ 12V
Tail: 0.007A @ 12V
Turn: 0.500A @ 12V

Standards & Application:

STOP



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0341341	12V ECE/SAE LED Turn Signal Light
0341361	12V ECE/SAE LED Stop & Tail Light

PART #	ACCESSORIES
4401771	Replacement Amber Acrylic Lens for Model 270
4420511	Replacement Red Acrylic Lens for Model 270

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Connector/Wiring:
Integrated Delphi Socket

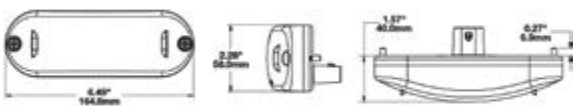
Mating Connector:
Delphi (#12059595), Packard (#1211029)

Operating Voltage:
Stop/Tail/Turn: 10-30V DC
CHMSL: 9-18V DC

Current Draw:
Stop & Tail: 0.16A @ 12V; 0.95A @ 24V DC
Turn: 0.19A @ 12V; 0.12A @ 24V DC
CHMSL: 0.08A @ 12V DC

Standards & Application:

CHMSL WITH CAMERA



CHMSL

STOP & TAIL TURN SIGNAL

SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0341811	12-24V ECE/SAE LED Stop & Tail Light
0341801	12-24V ECE/SAE LED Turn Signal Light
0343181	12-24V ECE/SAE LED Turn Signal Light
0341802	12-24V ECE/SAE LED Turn Signal Light
0346391	12-24V ECE/SAE LED Turn Signal Light
0346891	12V DOT LED CHMSL with Camera

PART #	ACCESSORIES
3271561	4 PIN M12 Cable - 10 m
3271581	4 PIN M12 Cable - 6m
3271571	M12-RCA Conversion Cable
6600801	Color Monitor, 5", M12
6600771	Color Monitor, 4.3", RCA

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

WHITE REVERSE

AMBER REAR & TURN or FRONT POSITION & TURN

Be Seen From Every Side.

Your brake, turn, and hazard lights are critical visual signals to drivers on the road. Powerful and long-lasting LEDs in the Model 274 signal lights give you confidence that your truck or trailer is clear of snow and ice and visible to other drivers. Ten different versions to add SmartHeat® technology to every side of your vehicle or trailer. DOT-compliant for legal on-road use when mounted vertically or horizontally. First-of-its kind heated turn, positions, stop, and strobe lights!

Safety from all sides.

Model 274 Flash provides 3 different flash modes, an exclusive SmartSync™ system to put lamps in simultaneous or alternating fl ash pattern. 2-in-1 dual function strobe and turn with turn override wire.

PRODUCT SPECIFICATIONS

Connector/Wiring:
Flash: 6-Pin Delphi (#12052848)

Mating Connector:
Stop/Tail/Turn, Reverse, & FP: 3-Pin AMP Connector (282087-1)
Flash: 6-Pin Delphi (#12052848)

Operating Voltage:
Stop/Tail/Turn, Reverse, & FP: 12-24V DC
Flash: 9-32V DC

Current Draw*:
Stop/Tail/Turn: 0.15A @ 12V DC; 0.15A @ 24V DC
White Reverse: 0.85A @ 12V DC; 0.85A @ 24V DC
Flash: 1.20A @ 12V DC; 0.70A @ 24V DC
* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

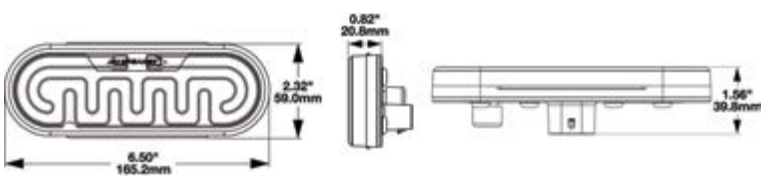
Standards & Application:

FLASH

STOP, TAIL & TURN

AMBER

SmartHeat
HEATED LIGHTING TECHNOLOGY



HEATED SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0346701	12-24V DOT LED Heated Red Stop, Tail, & Turn
0346704	12-24V DOT LED Heated Red Stop, Tail, & Turn with Harness
0346711	12-24V DOT LED Heated Amber Rear Turn
0346714	12-24V DOT LED Heated Amber Rear Turn with Harness
0346721	12-24V DOT LED Heated White Reverse
0346724	12-24V DOT LED Heated White Reverse with Harness
0346781	12-24V DOT LED Heated Amber FP & Turn Signal
0346784	12-24V DOT LED Heated Amber FP & Turn Signal with Harness
0346791	12-24V DOT LED Heated Amber Side Marker
0346794	12-24V DOT LED Heated Amber Side Marker with Harness

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

PART #	DESCRIPTION
0646781	12-24V DOT LED Heated Amber Flash Signal
0646791	12-24V DOT LED Heated Red Flash Signal
0646801	12-24V DOT LED Heated Green Flash Signal
0646811	12-24V DOT LED Heated Blue Flash Signal
0646821	12-24V DOT LED Heated Flash White Signal

PART #	ACCESSORIES
4242891	Rubber Mounting Grommet for Model 274
5870261	Plastic Mounting Flange for Model 274
8200581	Steel L-Shaped Mounting Bracket for Model 274
8200591	Chrome Plastic Trim Ring for Model 274
3270501	3-Pin AMP Connector Wire Harness Assembly

279 & 279 J

279

279 J

Product Specifications

279

Connector/Wiring:
12" Bare Leads

Operating Voltage:
9-32V AC

Current Draw*:
Stop: 0.370A @ 12V DC;
0.220A @ 24V DC
Tail: 0.100A @ 12V DC;
0.089A @ 24V DC
Reverse: 0.130A @ 12V DC;
0.100A @ 24V DC

279 J

Connector/Wiring:
DOT: YAZAKI 7287-2779-30;
ECE: YAZAKI 7282-5553-30

Operating Voltage:
9-32V DC

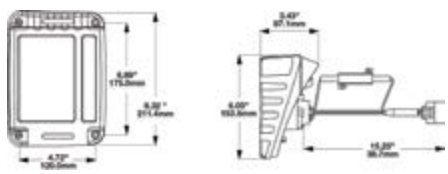
Current Draw*:
Stop/Turn: 1.70A @ 12V;
0.21A @ 24V DC
Tail: 0.10A @ 12V;
0.09A @ 24V DC
Reverse: 0.18A @ 12V;
0.10A @ 24V DC

* For the full listing of Current Draws, please visit the respective Product Number's Specification Sheet on our website at www.jwspeaker.com

Standards & Application:

279 J

279



279 - KIT OF 2 SIGNAL LIGHTS

PART #	DESCRIPTION
0347553	12-24V DOT LED Tail Light - Kit of 2
0347563	12-24V ECE LED Tail Light - Kit of 2

PART #	ACCESSORIES
8200231	Mounting Kit for Model 279 - Kit of 2

279 J - KIT OF 2 SIGNAL LIGHTS

PART #	DESCRIPTION
0347531	12-24V DOT LED Jeep Tail Light - Kit of 2
0347541	12-24V ECE LED Jeep Tail Light - Kit of 2

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

Connector/Wiring:
280: Wire Harness with Bare Leads
281: 12” Bare Leads
283: 120” Bare Leads

Operating Voltage:
9-16V DC

Current Draw:

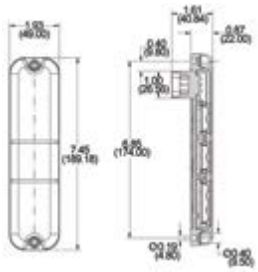
280:	281:
Stop: 0.105A @ 12V DC	0.4A @ 12V DC;
Tail: 0.020A @ 12V DC	0.4A @ 24V DC;
Turn: 0.105A @ 12V DC	0.4A @ 36V DC;
Backup: 0.090A @ 12V DC	0.4A @ 48V DC

283:
Stop: 0.151A @ 12V; 0.078A @ 24V DC
Tail: 0.008A @ 12V; 0.008A @ 24V DC
Turn: 0.161A @ 12V; 0.084A @ 24V DC

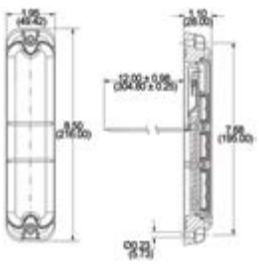
Standards & Application:

MODEL 280

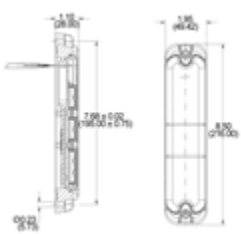
MODEL 280



MODEL 281



MODEL 283



MODEL 281 & 283

280 - SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0346561	12V LED Stop, Tail, Turn Signal & Backup Light

281 - SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0338061	12V LED Stop, Tail, Turn Signal & Backup without Flasher
0338091	24-36V LED Stop, Tail, Turn Signal & Backup without Flasher
0339011	48V LED Stop, Tail, Turn Signal & Backup without Flasher

281 - KIT OF 2 SIGNAL LIGHTS

PART #	DESCRIPTION
0339021	48V LED Stop, Tail, Turn Signal & Backup Light with 2 Amp Flasher - Kit of 2

283 - SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0339921	12-24V ECE LED Stop, Tail & Turn Signal Light

PART #	ACCESSORIES
3268441	6-Pin PE Connector Wire Harness Assembly

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

FRONT POSITION & TURN

DOME

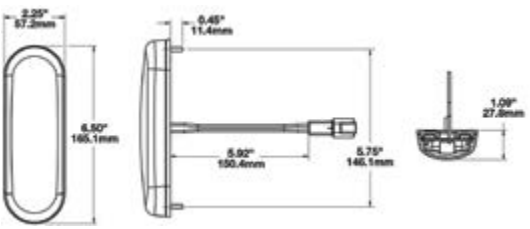
Product Specifications

Connector/Wiring:
0443301: 2-Pin Deutsch (DT04-2P)
All other parts: 7" Bare Leads

Input Voltage:
12-48V DC

Current Draw:
Front Position & Turn: 0.21A @ 12V DC; 0.104A @ 24V DC; 0.07A @ 36V DC; 0.082A @ 48V DC
Interior: 0.10-0.13A @ 12V DC; 0.055-0.08A @ 24V DC; 0.045-0.07A @ 36V DC; 0.045-0.07A @ 48V DC

Standards & Application:



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
0343121	12-48V ECE Front Position & Front Turn Signal Light
0442511	12-48V Clear Dome Light with 7" Bare Leads, No Switch, No Timer
0443011	12-48V Clear Dome Light with 7" Bare Leads & Switch, No Timer
0443301	12-48V Clear Dome Light with Deutsch Connector, Switch & 60m Timer

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

775 XD WORK & TURN LIGHT

Product Specifications

Raw Lumen Output:
1,100

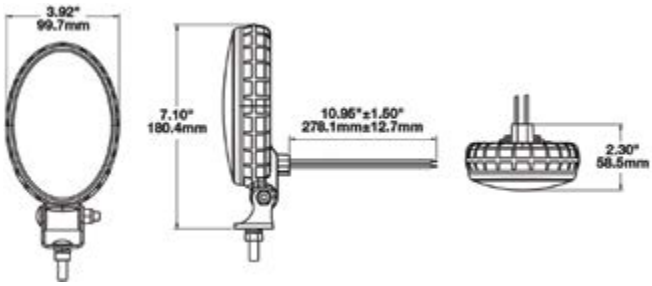
Effective Lumen Output:
620

Connector/Wiring:
Flood: 2-Pin Deutsch Weather-Proof Plug (DT06-2S)
Spot: 4-Pin Deutsch Weather-Proof Plug (DT06-4S)

Operating Voltage:
9-60V DC

Current Draw:
Work Light: 1.25A @ 12V DC; 0.56A @ 24V DC; 0.39A @ 36V DC; 0.30A @ 48V DC
Turn: 0.18A @ 12V DC; 0.10A @ 24V DC; 0.08A @ 36V DC; 0.07A @ 48V DC
Park: 0.015A @ 12V DC; 0.010A @ 24V DC; 0.010A @ 36V DC; 0.010A @ 48V DC

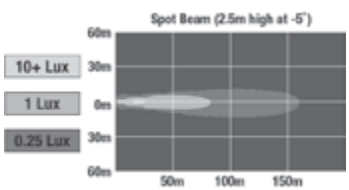
Standards & Application:



SINGLE SIGNAL LIGHTS

PART #	DESCRIPTION
1707191	12-48V Amber Clear Work Light with Flood Beam & Turn Signal
1707201	12-48V Amber Clear Work Light with Spot Beam & Turn Signal

PART #	ACCESSORIES
8200011	Magnet Mount Kit for XD Series Work Lights
8200101	Stainless Steel Mounting Kit for Work Lights & Marine Lights
8200121	Black Mounting Kit for Work Lights & Marine Lights
8200671	4-Pin Deutch Connector Kit



⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

6042

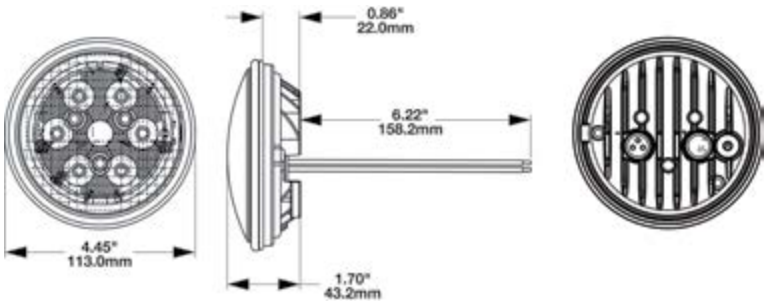
Product Specifications

Mating Connector:
Female Terminal Mole1 ETC AA-2140 T or #8 Ring Terminal

Input Voltage:
12-24V DC

Current Draw:
Stop: 0.165A @ 12V DC; 0.180A @ 24V DC
Tail: 0.012A @ 12V DC; 0.012A @ 24V DC

Standards & Application:



SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0343211	12-24V SAE LED Stop & Tail Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

6043 WORK & TAIL LIGHT

Product Specifications

Raw Lumen Output:
Work Light: 1,140

Effective Lumen Output:
Work Light: 700

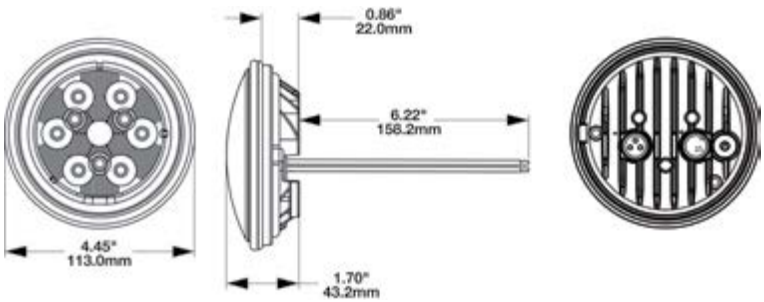
Connector/Wiring:
6" Bare Leads

Input Voltage:
12-24V DC

Current Draw:
Work Light: 0.60A @ 12V DC
Tail Light: 0.11A @ 12V DC

Standards & Application:

TAIL LIGHT

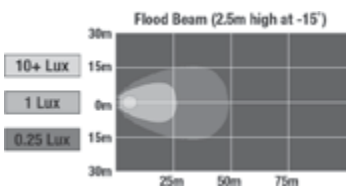


WORK LIGHT

SINGLE SIGNAL LIGHT

PART #	DESCRIPTION
0344731	12-24V LED Work Light & Tail Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov



INTERIOR LIGHTS

Products featured: Model 408, Model 410, & Model 150

TAB

RED

Product Specifications

Connector/Wiring:
118" Bare Leads

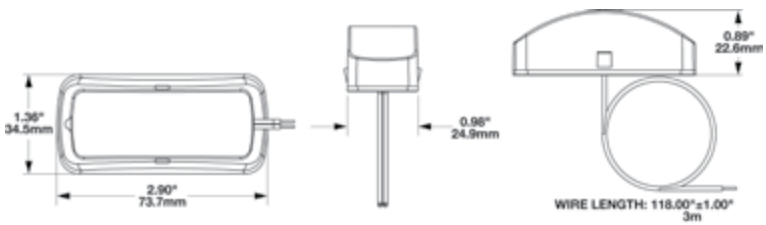
Input Voltage:
12-24V DC

Current Draw:
Amber & Red: 0.090 (Max)A @ 12V DC
Clear/White: 0.061A @ 12V DC;
0.061A @ 24V DC

Standards & Application:

AMBER

CLEAR/WHITE



SINGLE INTERIOR LIGHTS

PART #	DESCRIPTION
0205321	12-24V ECE/SAE Red LED Side Marker w/ Mounting Assembly
0205341	12-24V ECE/SAE Amber LED Side Marker w/ Mounting Assembly
0443051	12-24V Clear/White LED Dome w/ Mounting Assembly

PART #	ACCESSORIES
5856032	Replacement Mounting Assembly for Model 150

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

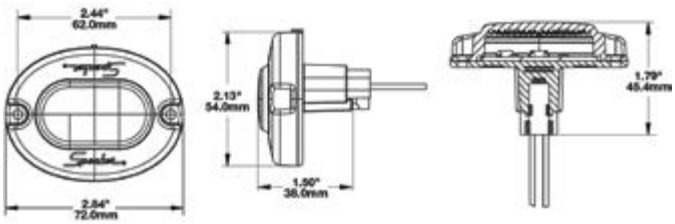
Connector/Wiring:
Integrated 2-Pin Deutsch Socket (DT04-2P)

Mating Connector:
2-Pin Deutsch Plug (DT06-2S)

Input Voltage:
12-24V DC

Current Draw:
0.105A @ 12V DC; 0.105A @ 24V DC

Standards & Application:



SINGLE INTERIOR LIGHT

PART #	DESCRIPTION
0442641	12-24V LED Utility Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

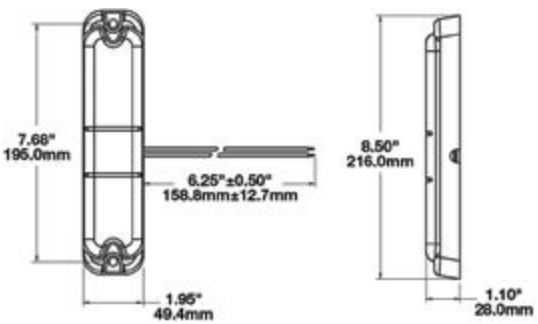
Product Specifications

Connector/Wiring:
Optional 2-Pin Deutsch Socket (DT04-2P);
3-Pin Deutsch Socket (DT04-3P)

Mating Connector:
Optional 2-Pin Deutsch Plug (DT06-2S);
3-Pin Deutsch Plug (DT06-3S)

Input Voltage:
12-24V DC

Standards & Application:



SINGLE INTERIOR LIGHT

PART #	DESCRIPTION
0442131	12-24V LED Dome Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

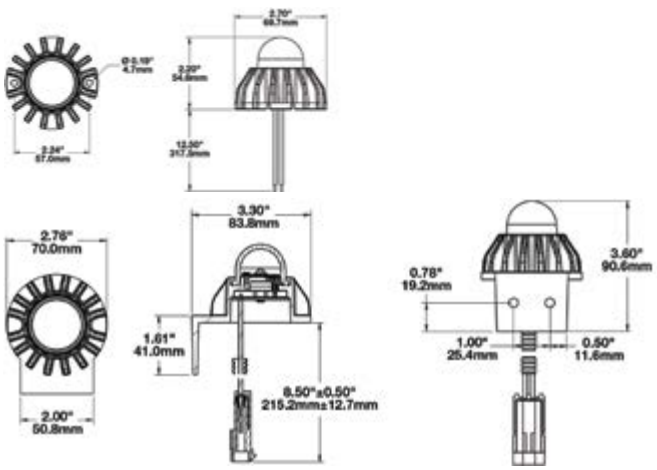
Connector/Wiring:
Without Mounting: 12” Bare Leads
With Mounting: PE 12010973

Mating Connector:
With Mounting: PE 12015792

Operating Voltage:
With Mounting: 50-90V DC

Current Draw:
Without Mounting: 0.4A @ 12V DC; 0.21A @ 24V DC
With Mounting: 60mA MaxA @ 75V DC

Standards & Application:



WITH BRACKET

WITHOUT BRACKET

SINGLE INTERIOR LIGHTS

PART #	DESCRIPTION
0442501	12-24V LED Engine Compartment Light with Mounting Bracket
0442541	12-24V LED Engine Compartment Light without Mounting Bracket
0443561	75V LED Engine Compartment Light with Mounting Bracket

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

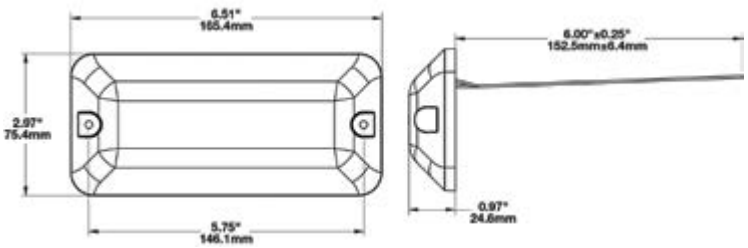
Connector/Wiring:
MOLEX P/N 190250004

Mating Connector:
MOLEX P/N 190170014

Operating Voltage:
9-32V DC

Current Draw:
0.14A @ 12V DC; 0.09A @ 24V DC

Standards & Application:



SINGLE INTERIOR LIGHT

PART #	DESCRIPTION
0443271	12-24V LED Dome Light

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

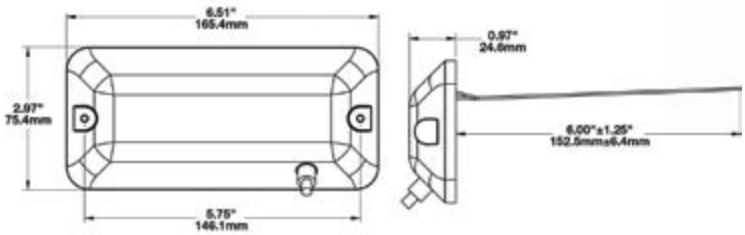
Product Specifications

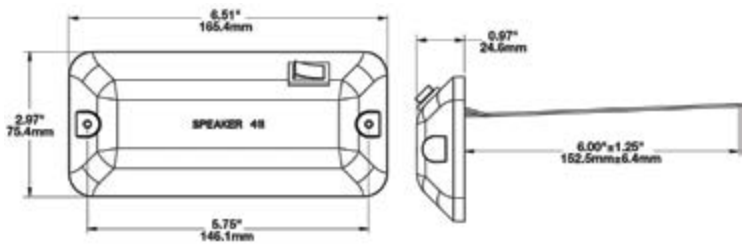
Connector/Wiring:
Bare Leads

Operating Voltage:
9-32V DC

Current Draw:
0.14A @ 12V DC; 0.09A @ 24V DC

Standards & Application:





SINGLE INTERIOR LIGHTS

PART #	DESCRIPTION
0443281	12-24V LED Dome Light with On/Off Button
0443291	12-24V LED Dome Light with On/Off/Door Rocker Switch

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INTERIOR

FRONT POSITION & TURN

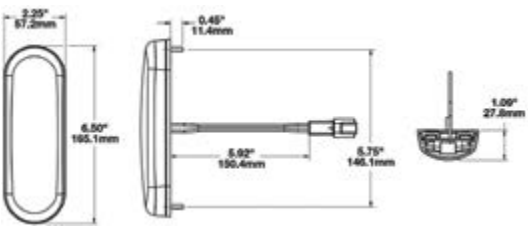
Product Specifications

Connector/Wiring:
7” Bare Leads

Input Voltage:
12-48V DC

Current Draw:
Front Position & Turn: 0.21A @ 12V DC; 0.104A @ 24V DC; 0.07A @ 36V DC; 0.082A @ 48V DC
Interior: 0.10-0.13A @ 12V DC; 0.055-0.08A @ 24V DC; 0.045-0.07A @ 36V DC; 0.045-0.07A @ 48V DC

Standards & Application:



SINGLE INTERIOR LIGHTS

PART #	DESCRIPTION
0343121	12-48V ECE LED Front Position & Front Turn Signal Light
0442511	12-48V Clear LED Dome Light with 7" Bare Leads, No Switch, No Timer
0443011	12-48V Clear LED Dome Light with 7" Bare Leads & Switch, No Timer
0443301	12-48V Clear LED Dome Light with Deutsch Connector, Switch & 60m Timer

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⚠ **AVERTISSMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

Product Specifications

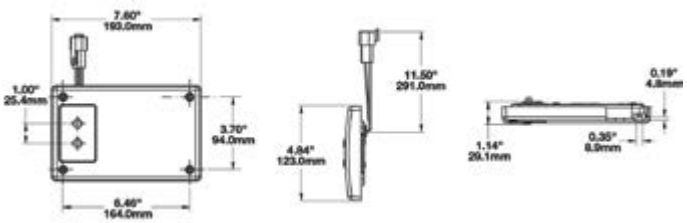
Connector/Wiring:
3-Pin Deutsch Socket (DT04-3P)

Mating Connector:
3-Pin Deutsch Plug (DT06-3S)

Input Voltage:
12-24V DC

Current Draw:
Red X 2: 0.175A @ 12V DC; 0.175A @ 24V DC
White X 4: 0.325A @ 12V DC; 0.175 @ 36V DC
White X 1: 0.025A @ 12V DC; 0.025 @ 36V DC

Standards & Application:



SINGLE INTERIOR LIGHTS

PART #	DESCRIPTION
0442261	12V Red/White LED Dome Light with Inner Optics
0442411	24V Red/White LED Dome Light with Inner Optics
0443171	12-24V Red/White LED Dome Light without Inner Optics

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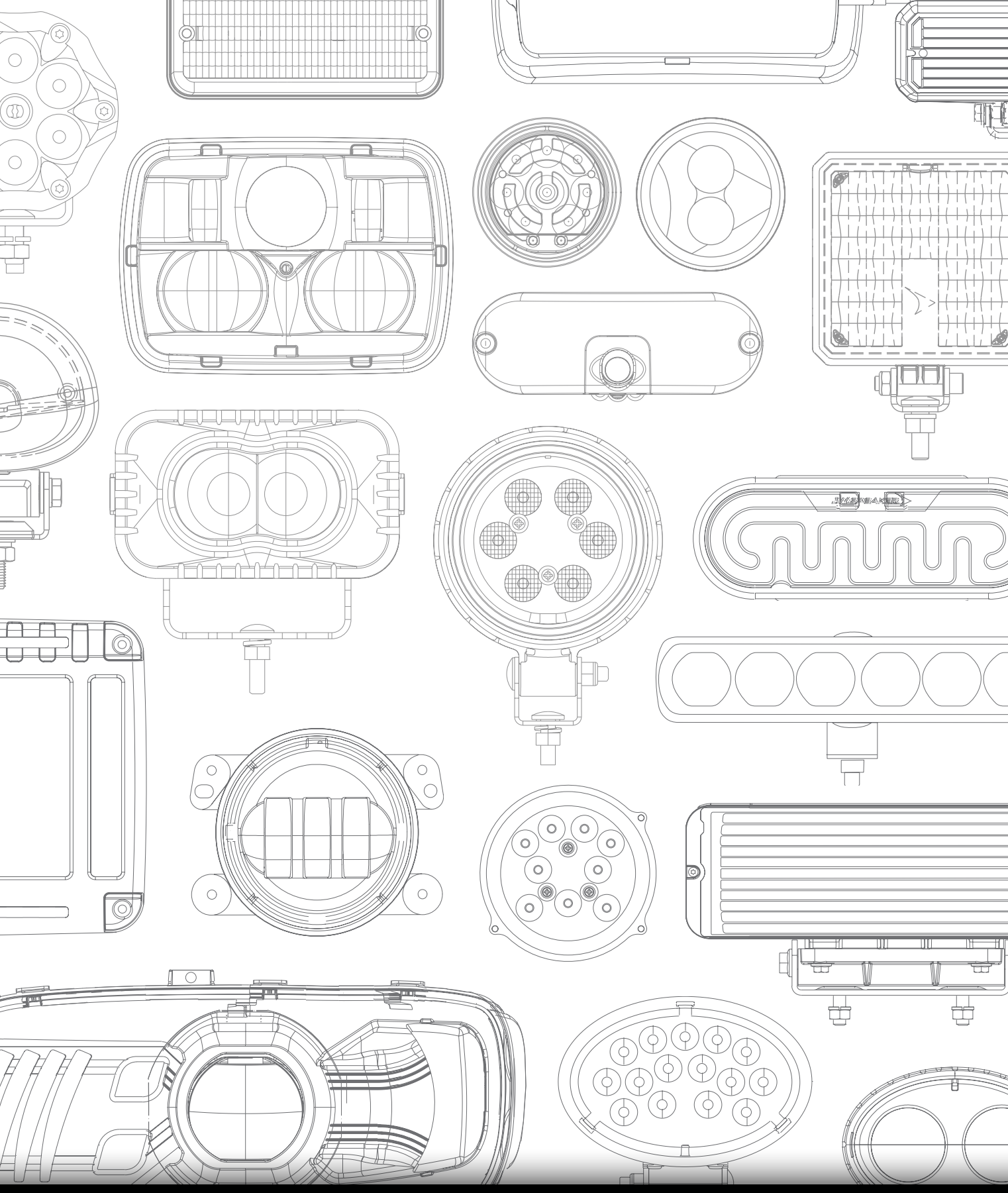
Technology is constantly evolving. Our attitude towards design remains constant. Relentless innovation and smart partnerships make J.W. Speaker the reliable partner who invests in the design and science of vehicle lighting.

AFTERMARKET

Look good or drive safely. That's often your choice with Aftermarket lights, but J.W. Speaker does not compromise. Our engineers and designers don't cut corners. The result is power and beauty that makes you feel good about the look of your vehicle — and your safety.



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