

J.W. SPEAKER®

Engineered. Lighting. Solutions.

DESIGNING LIGHTS.
DEFINING LEGACIES.



CERTIFIED FOR MILITARY

Our complete line of military lights —including headlights, work lights, blackout lights, and more— are engineered to meet the toughest performance and durability standards in the field. Designed for defense applications, many of our lights comply with key military specifications. Whether you're equipping combat vehicles, support fleets, or field operations, our lights deliver the rugged reliability and spec-grade assurance required for mission success.



STANAG 4381 (NATO Lighting Specification)

STANAG 4381 defines standardized lighting requirements to ensure interoperability and safety across NATO allied forces. Our lighting solutions are built to align with this NATO specification, providing consistent, dependable visibility across multinational platforms. With decades of defense qualification experience—including multiple NSN assignments and manufacturing under CAGE Code 78422—we support partners who require performance with proven documentation.



MIL-STD-461 – Electromagnetic Compatibility (EMC)

MIL-STD-461F sets strict limits on electromagnetic emissions and susceptibility, ensuring electronic equipment does not interfere with or become disrupted by other systems. For J.W. Speaker, compliance means our lights will operate safely alongside sensitive military electronics and communications without causing interference. This standard is crucial in maintaining operational security and system integrity in modern military platforms.



MIL-STD-202 – Environmental and Mechanical Testing

This standard subjects our components to a wide range of stresses including high-impact shock, prolonged vibration, extreme temperature fluctuations, humidity exposure, and corrosion. By certifying our lights to MIL-STD-202, we ensure they maintain electrical integrity, optical clarity, and mechanical strength even under the punishing demands of military vehicle operations.

ADDED BENEFITS

Blackout Lights

Designed to deliver controlled, low-signature illumination, our line of blackout lights ensure tactical concealment without compromising critical visibility. These solutions comply with MIL-PRF-32212A, MIL-PRF-32214, and MIL-PRF-32215A, and are qualified to endure extreme vibration, shock loads, and high-temperature environments.

Amphibious Operations

Specifically designed for amphibious applications, we deliver reliable illumination between land and water environments seamlessly. With rugged, fully sealed housings and corrosion-resistant materials, these lights maintain optical and electrical integrity under exposure to water, salt, and mud. Engineered to endure submersion, swimming, and thermal shock that comes with amphibious applications.



IP67-Rated Protection

Our military lights are engineered with IP67-rated protection, ensuring complete resistance to dust, dirt, and water immersion up to one meter. Whether navigating through sandstorms, torrential rain, or muddy terrain, these lights are designed to perform flawlessly in the harshest environments. Ultimately, rugged reliability means fewer failures in the field—and more focus on the mission.

Low Profile Design

Every inch matters in military vehicle design, which is why our lights feature a low-profile form factor that reduces snag points and enhances stealth. Compact yet powerful, these lights fit seamlessly into tight spaces without sacrificing output or durability. As such it's a design that supports streamlined integration and superior maneuverability under pressure.

REGISTERED WITH THE DEFENSE LOGISTICS AGENCY

Our military-grade lighting solutions adhere to MIL-STD-130 Identification Marking of U.S. Military Property, ensuring every product is permanently and accurately marked for lifecycle traceability. These part markings enable efficient Defense Logistics Agency (DLA) procurement across a wide range of military platforms and NATO branches. They support verified government acceptance through certificates of conformity, giving customers confidence that they are purchasing a fully validated military component. This same level of traceability is crucial as it ensures a certified, approved component is specified from the beginning.

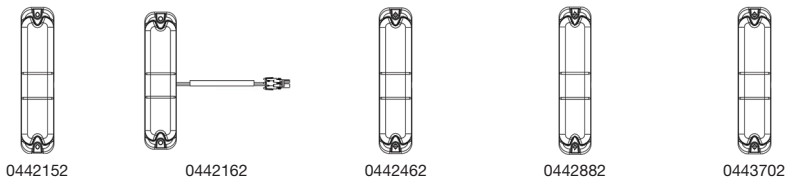
Our military-grade lighting is fully qualified and registered with the Defense Logistics Agency (DLA), offering dependable performance for mission-critical applications. Each product is assigned a National Stock Number (NSN), ensuring standardized identification, streamlined procurement, and proven compliance with stringent military requirements. This portfolio reflects our long-standing commitment to rugged, reliable, and fully documented lighting solutions trusted across defense platforms.

LED DOME LIGHTS



Model 282
2" x 9" LED Dome Lights

NSN #	JWS PART #	DESCRIPTION
6220-01-655-7669	0442152	12-24V LED Hazed Dome Light with DT04-2P
6220-01-563-0330	0442162	12-24V LED Hazed Dome Light with SHROUD 2 WAY CONN PE 12015792
6220-01-643-3799	0442462	12-24V LED White/Red OTC Dome Light
6220-01-577-3662	0442882	12-24V LED White/Cyan OTC Dome Light
6220-01-730-8928	0443702	12-24V LED White/Cyan Dome Light

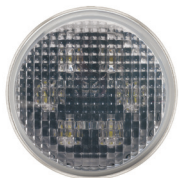


LED INDICATOR LIGHTS



Model 157
5" x 3" LED Signal Light

NSN #	JWS PART #	DESCRIPTION
6220-01-652-6825	0344462	12-24V ECE/SAE LED Amber Side Marker/Side Turn Signal with Mount



Model 6042
4.5" Round LED Directional Light

NSN #	JWS PART #	DESCRIPTION
6220-01-670-4347	0344992	12-24V LED Amber Turn Park Light

LED HEADLIGHTS



Model 8630
5.75" Round Headlight

NSN #	JWS PART #	DESCRIPTION
6220-01-652-6825	0549932	12-24V DOT LED High Beam & Low Beam Headlight
6220-01-669-3465	0549921	12-24V ECE LED LHT High & Low Beam Headlight with FP & DRL



0549932



0549921



Model 8700
7" Round Headlight

NSN #	JWS PART #	DESCRIPTION
6220-01-717-5552	0557881	12-24V LED Military Amphibian Headlight
6220-01-600-5069	0547932	12-24V LED Military Headlight with Green Bucket



0557881

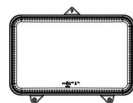


0547932

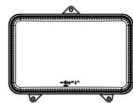


Model 8820
4" x 6" Headlight

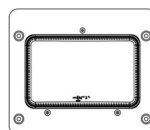
NSN #	JWS PART #	DESCRIPTION
6220-01-632-0311	0551622	12-24V LED High & Low Beam Headlight
6220-01-706-0957	0550271	12-24V DOT/ECE LED RHT High & Low Beam Headlight with FP
6220-01-514-2827	0551712	12-24V LED RHT High & Low Beam Headlight with Bezel
6220-01-710-9109	0560571	12-24V LED LHT High & Low Beam Headlight with Bezel
6220-01-649-9124	0549822	24V LED High & Low Beam Headlight with Connector PE 15300003



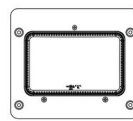
0551622



0550271



0551712



0560571



0549822



Model TS4000
7" Round Headlight

NSN #	JWS PART #	DESCRIPTION
6220-01-672-5766	0555561	12-24V High Beam Headlight with Pedestal, Black

MILITARY-GRADE LIGHTING



REGISTERED WITH THE DEFENSE LOGISTICS AGENCY

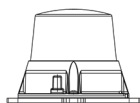
LED STROBE LIGHTS



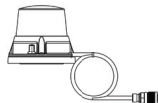
Model 407

5" Round LED Strobe Lights

NSN #	JWS PART #	DESCRIPTION
6220-01-647-5947	0646511	12-24V LED Amber Beacon Strobe Light with Flat Mount
6220-01-383-9914	0646581	12-24V LED Amber Beacon Strobe Light with Magnet Mount



0646511



0646581

LED TAIL AND BACKUP LIGHTS



Model 265

11" x 4" LED Stop, Tail, Turn Signal & Backup Light

NSN #	JWS PART #	DESCRIPTION
6220-01-655-7649	0345072	12-24V

LED WORK LIGHTS



Model 670

4.5" Round Work Light

NSN #	JWS PART #	DESCRIPTION
6220-01-228-9577	1403342	12-24V LED Marine Work Light with Trap Beam



Model 680 XD

5.75" Round Work Light

NSN #	JWS PART #	DESCRIPTION
6220-01-659-2472	1501642	12-24V LED Work Light with Flood Beam



Model 6040

4.75" Round Work Lights

NSN #	JWS PART #	DESCRIPTION
6220-01-578-3595	1403062	12-24V LED Hand Held Trap Work Light with Magnet
6220-01-598-2496	1403072	12-24V LED Trap Work Light with Guard <u>OTC</u>
6220-01-582-3508	1403082	12-24V LED Light with Guard
6220-01-643-9408	1403232	12-24V LED Spot Light with Yellow Hardware
6220-01-487-2229	1403432	12-24V LED Light with Guard
6220-01-228-9577	1403442	12-24V LED Hand Held Trap Work Light
6220-01-261-4885	1403452	12-24V LED Trap Work Light with Swivel Mount
6220-01-574-5975	1403512	12-24V LED Light with DT04-2P
6220-01-723-0678	1403522	12-24V LED IR and Work Light with Guard and Swivel Mount
6220-01-724-6551	1403532	12-24V LED Hand Held Trap Work Light with Magnet
6220-01-474-5989	1403542	12-24V LED Trap Work Light with Guard



1403062



1403072



1403082



1403232



1403432



1403442



1403452



1403512



1403522



1403532



1403542

OTHER LED LIGHTS



Model 6310

2" x 4" Flasher

NSN #	JWS PART #	DESCRIPTION
6220-01-577-3689	0842132	12-24V Flasher

COTS MILITARY LIGHTING

Commercial Off-The-Shelf (COTS) parts offer an accessible, cost-effective option for customers seeking readily available components without the extended lead times of specialized military hardware. They provide a practical way to leverage the latest technology advancements at a more affordable price point, making them ideal for standard applications where full military qualification isn't required. For missions demanding certified, defense-grade durability, our fully qualified products with NSN numbers are available on pages 4–7.

LED MILITARY BLACKOUT LIGHTS



BLACKOUT LIGHTS

40mm LED Front & Rear Blackout Lights
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BLACKOUT LIGHTS

117mm LED Blackout Driving Lights
Page 11

LED HEADLIGHTS



Model 93

90mm LED Headlight
Page 12



Model 8630 EVO

5.75" (PAR46) LED Headlight
Page 13



Model 8700 Military Headlight & Bucket

7" (PAR56) LED Headlight
Page 15



Model 8820

4"x6" LED Headlight
Page 16

MADE IN THE USA

Proudly manufactured in the USA, our military lights are crafted with the highest quality materials and strict quality control to meet demanding military standards. Our domestic production ensures faster turnaround, tighter tolerances, and dependable support when and where it's needed most. In critical situations, when lives depend on every detail, trust American-made strength and accountability.



LED WORK LIGHTS



Model 623

20" x 9" LED Work Light
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Model 792

3" x 17" LED Work Light
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Model 893

3" x 8" LED Work Light
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Model 894

3" x 17" LED Work Light
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Model 6040

4.45" (PAR36) LED Work Light
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LED SIGNAL & WARNING LIGHTS



Model 157

5" x 3" LED Signal Light
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Model 173

5" x 2" LED Side Marker Signal Lights
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Model 234

4" Round Heated LED Tail Light
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Model 265

11" x 4" LED Stop, Tail, Turn Signal & Backup Lights
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Model 274

2" x 6" Heated LED Signal Light
Page 26



Model 407

5" Round Low Profile LED Strobe Light
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MILITARY BLACKOUT LIGHTS

40mm LED Front & Rear Lights



Product Specifications

Connector/Wiring:
Deutsch DT04-2P

Mating Connector:
Deutsch DT06-2S

Operating Voltage:
18-32V DC

Current Draw:
0.025A @ 24V DC

Regulatory Standards:



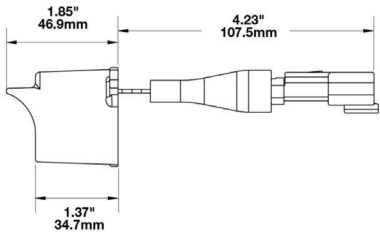
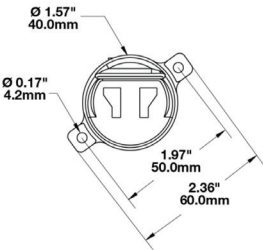
Meets MIL-PRF-32214 Section 3.8.5
Meets MIL-PRF-32212A Section 3.4 and 3.5



AMBER REAR
STOP LIGHT



RED REAR
TAIL LIGHT



40MM LED FRONT & REAR BLACKOUT LIGHTS

PART #	DESCRIPTION
0347502	24V 40mm Amber Front Blackout Marker Light
0347522	24V 40mm Amber Rear Blackout Stop Light
0347512	24V 40mm Red Rear Blackout Tail Light
0550312	24V 40mm Cyan LH Blackout Driving Light
0550732	24V 40mm Cyan RH Blackout Driving Light

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

MILITARY BLACKOUT LIGHTS

Product Specifications

Connector/Wiring:
Ground Wire: MS 27142
Power Wire: MW 27144

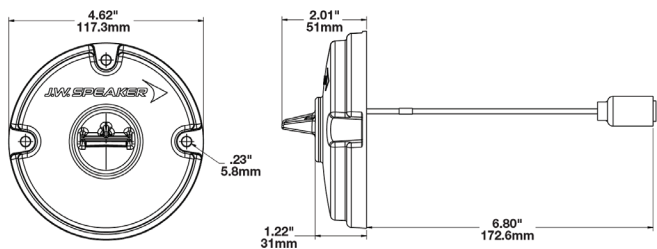
Operating Voltage:
18-32V DC

Current Draw:
0.098A @ 12V DC
0.057A @ 24V DC

Regulatory Standards:



117mm LED Driving Lights



TAN



GREEN

117MM LED DRIVING BLACKOUT LIGHTS

PART #	DESCRIPTION
0556132	12-24V 117mm Cyan Blackout Driving Light with Tan Housing - Bulk Qty (24 MIN)
0556142	12-24V 117mm Cyan Blackout Driving Light with Green Housing - Bulk Qty (24 MIN)

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

LED HEADLIGHT - MODEL 93

Product Specifications

Raw Lumen Output:

5-in-1: 1,827 (High Beam); 1,325 (Low Beam)
Low Beam: 1,910

Effective Lumen Output:

5-in-1: 683 (High Beam); 495 (Low Beam)
Low Beam: 575

Candela Output:

5-in-1: 45,000 (High Beam); 23,000 (Low Beam)
Low Beam: 18,000

Connector/Wiring:

Deutsch DT04-2P

Mating Connector:

Deutsch DT06-6S

Operating Voltage:

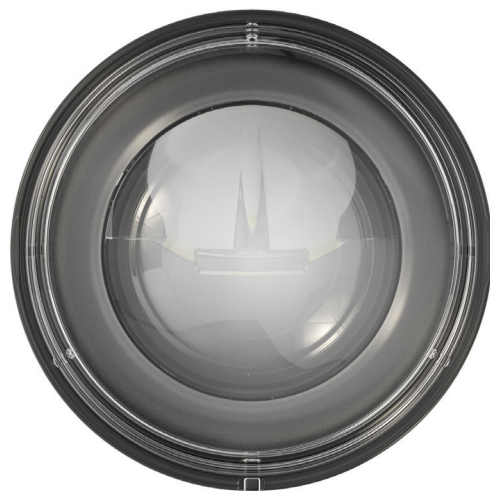
5-in-1: 9-30V DC
Low Beam: 10-31V DC

Current Draw*:

High Beam: 0.80A @ 12V DC; 0.40A @ 24V DC
Low Beam: 1.97A @ 12V DC; 0.98A @ 24V DC

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

Regulatory Standards:



5-IN-1



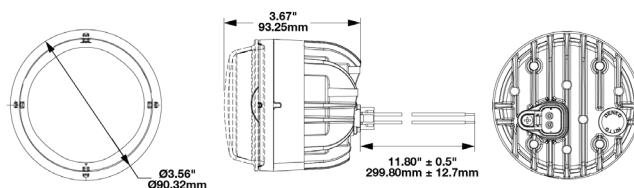
HIGH BEAM



LOW BEAM
OR FOG



TURN & DRL



LED HEADLIGHTS

BEAM PATTERNS

3-POINT MOUNT

PART #	DESCRIPTION	LOW BEAM	HIGH BEAM	DRL	FP	DI	1.5mm	3mm
0560371	12-24V DOT/ECE RHT LED 5-in-1 Headlight	X	X	X	X	X		X
0560381	12-24V ECE LHT LED 5-in-1 Headlight	X	X	X	X	X		X
0554381	12-24V DOT/ECE High Beam Headlight with FP		X		X		X	X
0553071	12-24V DOT/ECE High Beam Headlight		X				X	X
0553091	12-24V ECE R112 LHT Low Beam Headlight	X					X	X
0553101	12-24V DOT/ECE R112 RHT Low Beam Headlight	X					X	X
0553081	12-24V DOT/ECE R113 Agriculture Low Beam Headlight	X					X	X
0556701	12-24V SAE/ECE Fog Light						X	X
0347941	12-24V SAE/ECE Turn Signal & DRL			X		X	X	X

For parts offered in bulk quantities, please visit our website.

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

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

LED HEADLIGHT - MODEL 8630 EVO

Product Specifications

Raw Lumen Output:

2,925 (High Beam); 2,025 (Low Beam)

Effective Lumen Output:

1,000 (High Beam); 630 (Low Beam)

Candela Output:

61,684 (High Beam); 19,162 (Low Beam)

Connector/Wiring:

Integral Connector in Housing simulating Delphi #12124107

Operating Voltage:

10-32V DC

Current Draw:

Low Beam: 2.20A @12V DC; 1.70A @14V DC; 1.10A @24V DC

High Beam: 3.50A @12V DC; 2.70A @14V DC; 1.70A @24V DC

Turn: 1.40A @12V DC; 0.70A @24V DC

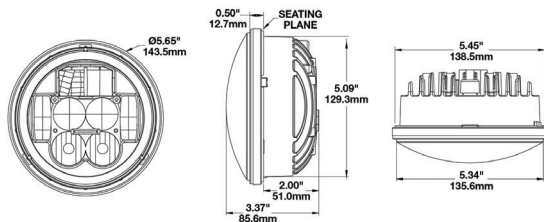
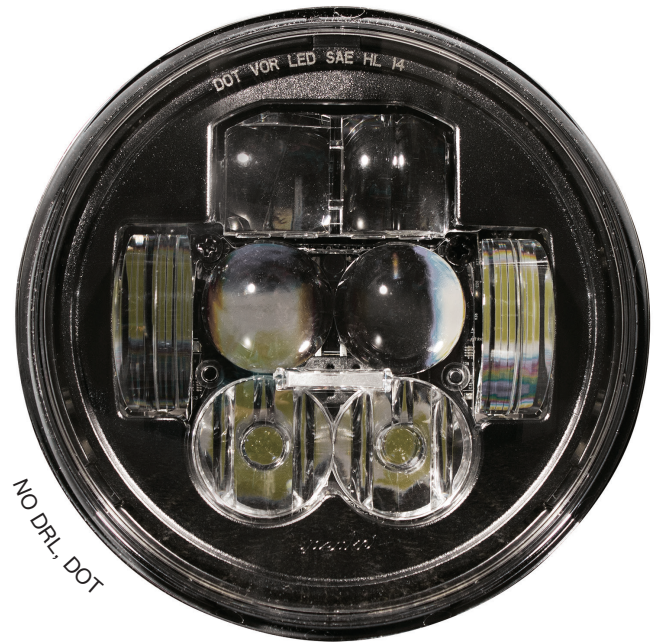
FP: 0.09A @12V DC; 0.07A @14V DC; 0.04A @24V DC

DRL: 0.90A @12V DC; 0.68A @14V DC; 0.38A @24V DC

Retrofit Information:

5.75" Round (PAR46)

Regulatory Standards:



DRL

LED HEADLIGHTS

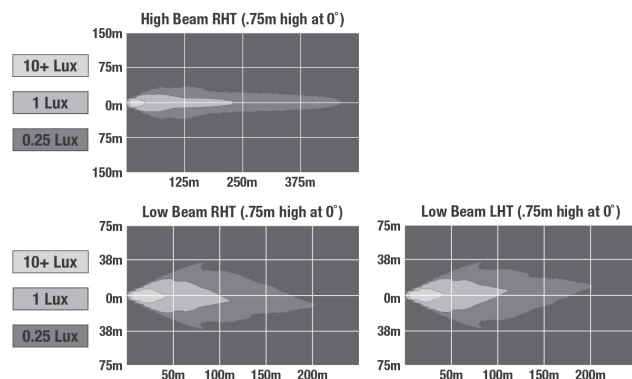
PART #	DESCRIPTION
0549911	12-24V DOT/ECE RHT High & Low Beam w/ FP & DRL
0549921	12-24V ECE LHT High & Low Beam w/ FP & DRL
0550921	12-24V DOT High & Low Beam

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.

PART #	ACCESSORIES
3157751	Double Ring Kit Mounting Assembly
8200071	Mounting Ring Kit for 5.75" Round (PAR46) Headlights

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



REGISTERED NSN ON PAGE 5



273RD MP 6

TIE-DOWN

TIE-DOWN

LED HEADLIGHT & BUCKET - MODEL 8700

Product Specifications

Raw Lumen Output:

2,360 (High Beam); 1,520 (Low Beam)

Effective Lumen Output:

1,020 (High Beam); 810 (Low Beam)

Candela Output:

60,500 (High Beam); 27,500 (Low Beam)

Connector/Wiring:

Male Terminal Shell, 14ga - Ord. #MS27144-1 / Amer. 8338560

Operating Voltage:

9-32V DC

Current Draw:

Low Beam: 1.38A @12V DC; 0.38A @ 24V DC;

High Beam: 1.50A @12V DC; 0.93A @24V DC

Retrofit Information:

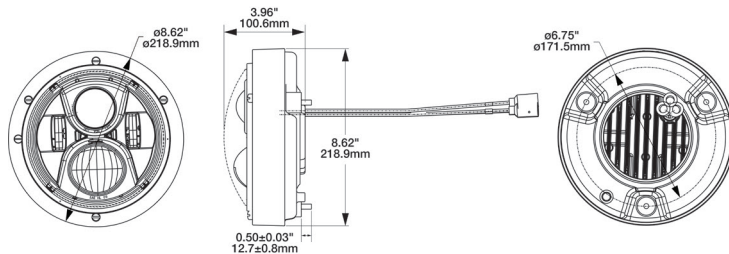
TACOM 13013616

Regulatory Standards:

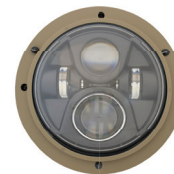


FMVSS 108 s10.1 (Table XIX)

FMVSS 108 s10.1 (Table XVIII)



GREEN



TAN



LED HEADLIGHTS & MOUNTING BUCKET

PART #	DESCRIPTION
0561341	12-24V LED Military Headlight Kit with Black Polycarbonate Bucket
0561381	12-24V LED Military Headlight Kit with Green Polycarbonate Bucket
0561391	12-24V LED Military Headlight Kit with Tan Polycarbonate Bucket

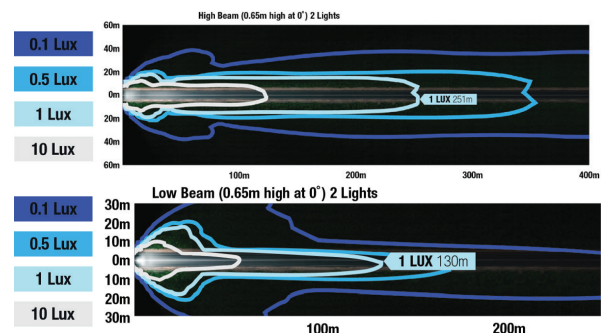
PART #	ACCESSORIES
8201111	Black Polycarbonate Bucket for 7" Round (PAR56) Headlight
8201121	Green Polycarbonate Bucket for 7" Round (PAR56) Headlight
8201131	Tan Polycarbonate Bucket for 7" Round (PAR56) Headlight

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

REGISTERED NSN ON PAGE 5

LED HEADLIGHT ONLY

PART #	DESCRIPTION
0561811	12-24V LED Military Low and High Beam Headlight



LED HEADLIGHT - MODEL 8820

Product Specifications

Raw Lumen Output:

2,100 (High Beam); 1,850 (Low Beam)

Effective Lumen Output:

755 (High Beam); 645 (Low Beam)

Connector/Wiring:

12" Flying Leads

Operating Voltage:

10-30V DC

Current Draw:

High Beam: 2.14A @ 12V DC; 1.53A @ 24V DC

Low Beam: 1.11A @ 12V DC; 0.96A @ 24V DC

Front Position: 0.056A @ 12V DC; 0.065A @ 24V DC

Regulatory Standards:



FMVSS 108 s10.1 (Table XIX)

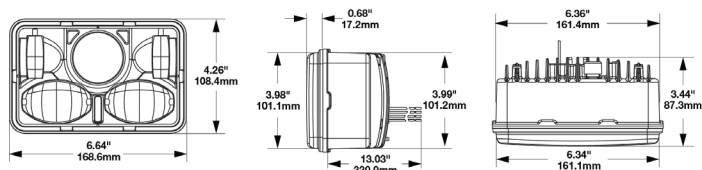
FMVSS 108 s10.1 (Table XVIII)



PANEL MOUNT



3-POINT MOUNT



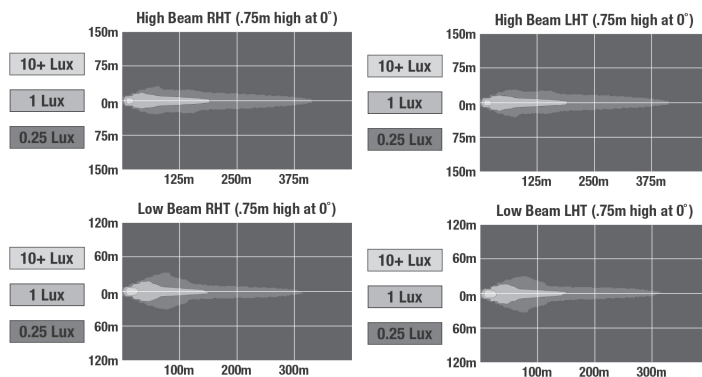
SINGLE HEADLIGHTS

PART #	DESCRIPTION
0550271	12-24 DOT/ECE LED RHT High & Low Beam Headlight with FP and 3 Point Mount
0550931	12-24 DOT/ECE LED RHT High & Low Beam Headlight with FP and Panel Mount
0550281	12-24 ECE LED LHT High & Low Beam Headlight with FP and 3 Point Mount
0550941	12-24 ECE LED LHT High & Low Beam Headlight with FP and Panel Mount

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

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

REGISTERED NSN ON PAGE 5



LED WORK LIGHT - MODEL 623

Product Specifications

Raw Lumen Output:

40,000

Effective Lumen Output:

20,000

Connector/Wiring:

Male Terminal Shell, 14ga - Ord. #MS27144-1 / Amer. 8338560

Operating Voltage:

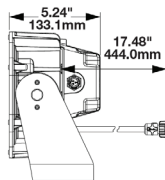
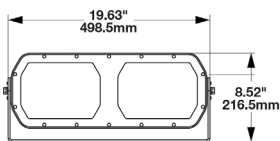
9-32V DC

Current Draw:

10A @24V DC

5A @48V DC

Regulatory Standards:

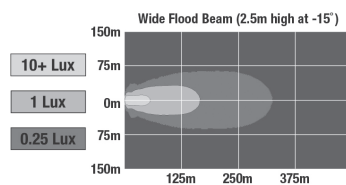
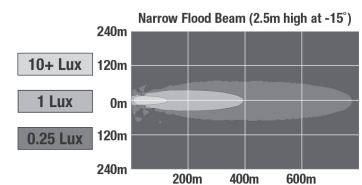
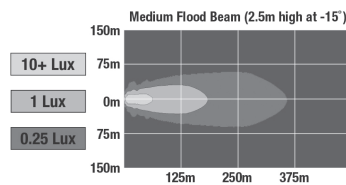


LED WORK LIGHT

PART #	DESCRIPTION
0546681	16-60V LED Work Light with Medium Flood Beam Pattern
0546671	16-60V LED Work Light with Narrow Flood Beam Pattern
0546691	16-60V LED Work Light with Wide Flood Beam Pattern

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

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



LED WORK LIGHT - MODEL 792

Product Specifications

- Raw Lumen Output:**
3,630
- Effective Lumen Output:**
2,000
- Candela Output:**
2,900
- Mating Connector:**
JAE Connector MX19A003S51
- Input Voltage; Operating Voltage:**
12-24V DC; 9-30V DC
36-80V DC; 30-90V DC
- Current Draw:**
2.2A @ 12V DC
1.0A @ 24V DC
0.75A @ 36V DC
0.56A @ 48V DC
0.34A @ 80V DC

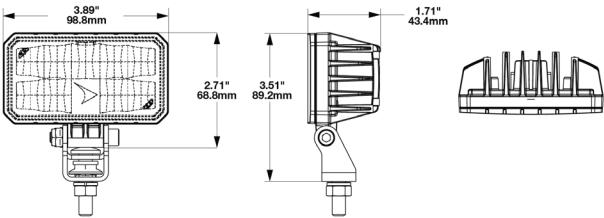
Regulatory Standards:



PEDESTAL MOUNT

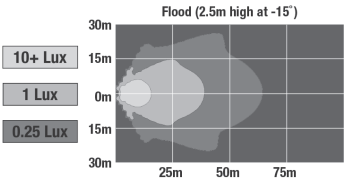


PANEL MOUNT



LED WORK LIGHTS

PART #	DESCRIPTION
1603921	12-24V LED Compact Work Light with Pedestal Mount
1603951	12-24V LED Compact Work Light with Panel Mount
1603931	36-80V LED Compact Work Light with Pedestal Mount
1603971	36-80V LED Compact Work Light with Panel Mount



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

LED WORK LIGHT - MODEL 893

Product Specifications

Raw Lumen Output:

7,120

Effective Lumen Output:

3,700

Candela Output:

6,230

Mating Connector:

Deutsch DT06-2S

Operating Voltage:

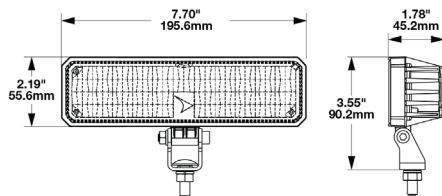
12-24V DC

Current Draw:

4.5A @ 12V DC

1.8A @ 24V DC

Regulatory Standards:



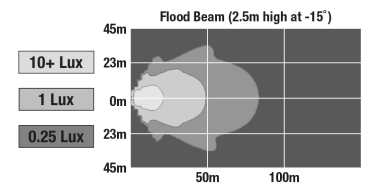
LED WORK LIGHTS

PART # DESCRIPTION

1300671 12-24V LED Work Light with Pedestal Mount

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

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



LED WORK LIGHT - MODEL 894

Product Specifications

Raw Lumen Output:
14,000

Effective Lumen Output:
7,750

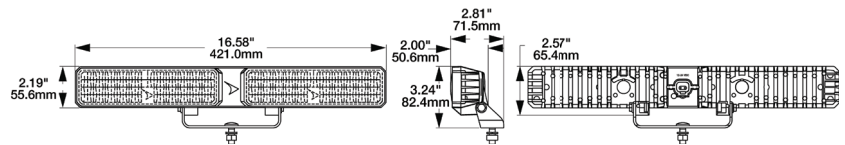
Candela Output:
17,450

Mating Connector:
Deutsch DT06-2S

Operating Voltage:
12-24V DC

Current Draw:
9.0A @ 12V DC; 4.0A @ 24V DC

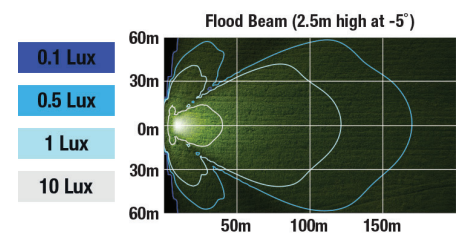
Regulatory Standards:



LED WORK LIGHT

PART #	DESCRIPTION
1300781	12-24V LED Work Light with Pedestal Mount

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



LED WORK LIGHT - MODEL 6040

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

Mating Connector:

0.25" Blade, #6 Ring Terminal, #8 Ring Terminal

Operating Voltage:

10-15V DC; 10-60V DC

Current Draw:

12V: 2.00 Max A @ 12V DC

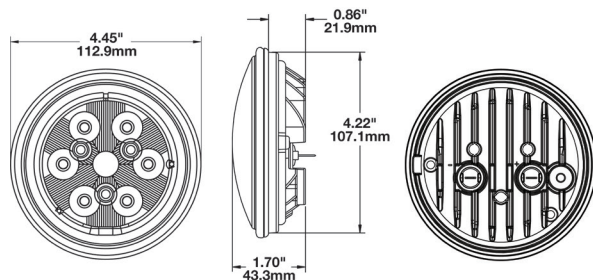
12-48V: 1.04A @ 12V DC; 0.5A @ 24V DC;

0.33A @ 36V DC; 0.26A @ 48V DC

Retrofit Information:

4.5" Round (PAR36)

Regulatory Standards:



TRAPEZOID BEAM

SPOT BEAM

LED WORK LIGHTS (12V)

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

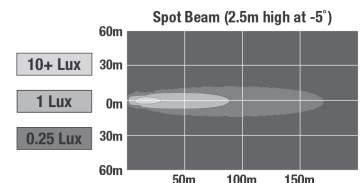
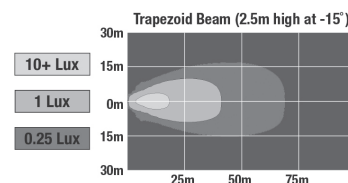
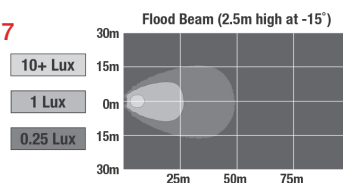
⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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

LED WORK LIGHTS (12-48V)

PART #	DESCRIPTION
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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LED SIDE REPEATER LIGHT - MODEL 157

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

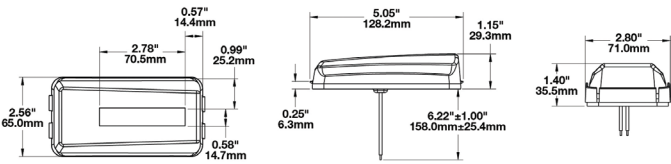
Regulatory Standards:



CLEAR



AMBER



LED 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

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

REGISTERED NSN ON PAGE 4

LED LIGHT - MODEL 173

Product Specifications

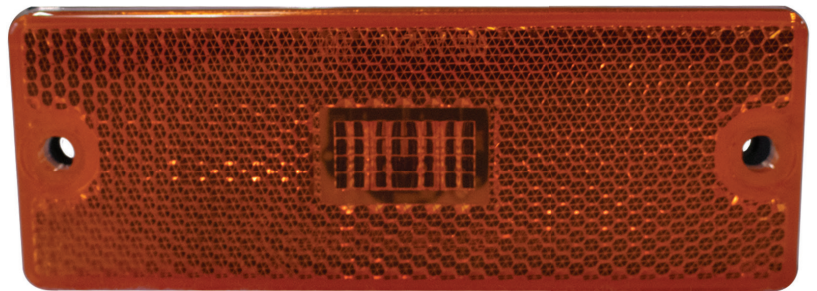
Connector/Wiring:
Deutsch DTM04-2P

Mating Connector:
Deutsch DTM06-2S

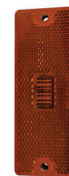
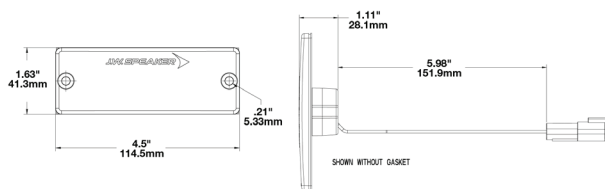
Operating Voltage:
10-30V DC

Current Draw:
0.072A @ 12V DC; 0.072A @ 24V DC

Regulatory Standards:



AMBER HORIZONTAL



AMBER VERTICAL RED HORIZONTAL RED VERTICAL

LED CLEARANCE AND SIDE MARKER LIGHTS

PART #	DESCRIPTION
0230852	12-24V LED Amber Vertical Reflex & Marker Lights
0230862	12-24V LED Amber Horizontal Reflex and Marker Lights
0230882	12-24V LED Red Vertical Reflex & Marker Lights
0230892	12-24V LED Red Horizontal Reflex and Marker Lights

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

LED SIGNAL LIGHT - MODEL 234

Product Specifications

Mating Connector:

Bare Leads

Connector/Wiring:

3-Pin AMP Connector (#282087-1)

Operating Voltage:

9-32V DC

Current Draw*:

Tail: 0.03A @ 12V DC; 0.02A @ 24V DC

Turn/Stop: 0.17A @ 12V DC; 0.12A @ 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

Regulatory Standards:



FMVSS 108 s7.1 (Table VII)

FMVSS 108 s7.2 (Table VIII)

FMVSS 108 s7.3 (Table IX)



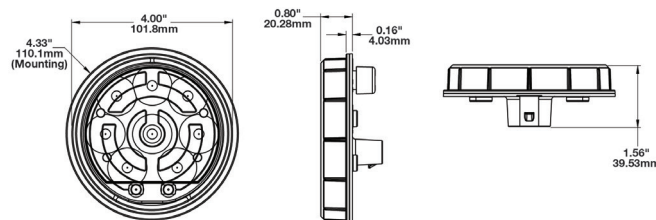
RED



AMBER



REVERSE



LED SIGNAL LIGHT - HEATED

PART #	DESCRIPTION
0346261	12-24V DOT LED Heated Red Stop, Tail, & Turn Light
0346264	12-24V DOT LED Heated Red Stop, Tail, & Turn Light Kit with Harness
0347811	12-24V DOT LED Heated Amber Turn Signal
0347814	12-24V DOT LED Heated Amber Turn Signal Kit with Harness
0346471	12-24V DOT LED Heated White Reverse Light
0346474	12-24V DOT LED Heated White Reverse Light Kit with Harness

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

LED SIGNAL LIGHT - NON-HEATED

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

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

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

LED SIGNAL LIGHT - MODEL 265

Product Specifications

Connector/Wiring:

6-Pin Deutsch Socket (DT04-6P-E004)

Mating Connector:

6-Pin Deutsch Plug (DT06-6S)

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

Regulatory Standards:



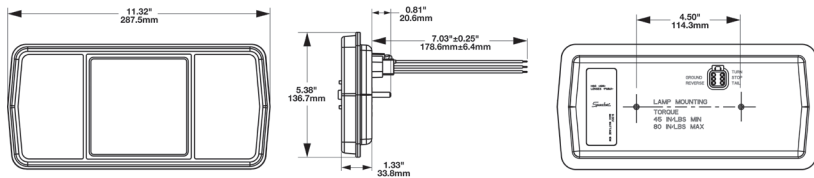
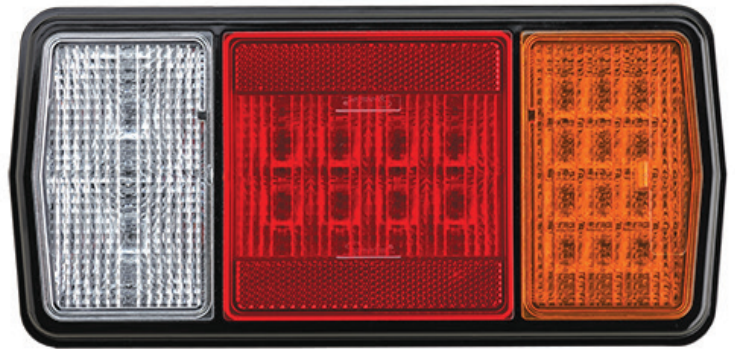
FMVSS 108 s7.1 (Table VII)

FMVSS 108 s7.2 (Table VIII)

FMVSS 108 s7.3 (Table IX)

FMVSS 108 s7.6 (Table XII)

FMVSS 108 s8.1 (Table XVI)



LED SIGNAL LIGHTS

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

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

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

REGISTERED NSN ON PAGE 6

LED SIGNAL LIGHT - MODEL 274

Product Specifications

Mating Connector:
3-Pin AMP Connector (282087-1)

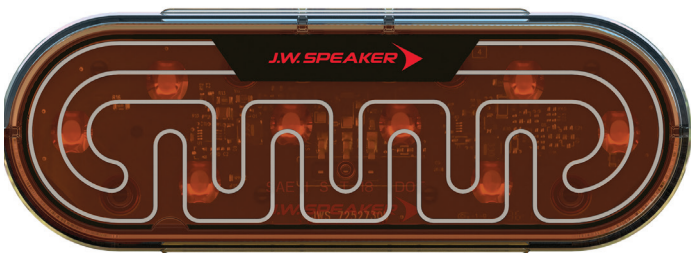
Operating Voltage:
12-24V DC

Current Draw*:
Stop/Tail/Turn: 0.15A @ 12V DC; 0.15A @ 24V DC
Reverse: 0.85A @ 12V DC; 0.85A @ 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

Regulatory Standards:



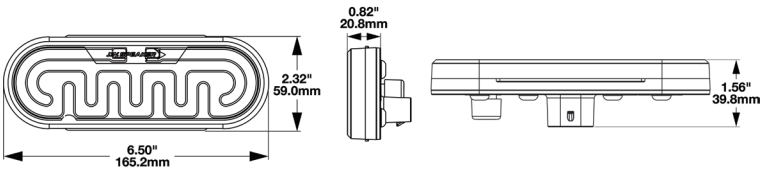
WHITE REVERSE



AMBER REAR & TURN or FRONT POSITION & TURN



STOP, TAIL & TURN



LED SIGNAL LIGHT

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

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

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

LED STROBE LIGHT - MODEL 407

Product Specifications

Connector/Wiring:

18" Leads

Operating Voltage:

9-32V DC

Current Draw*:

Amber:

1.65A @ 12V DC (Peak);

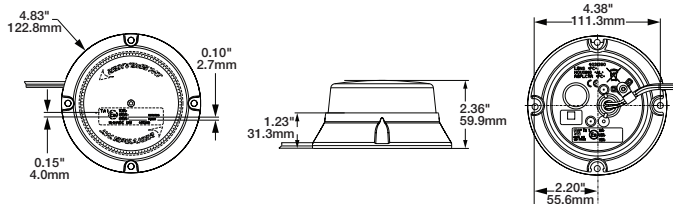
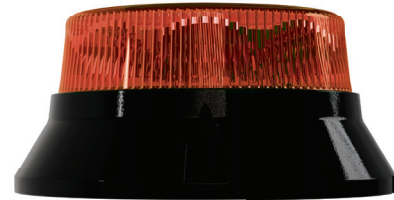
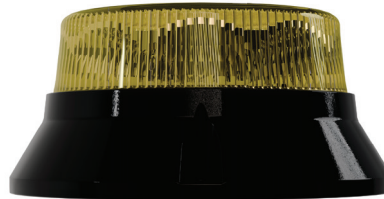
0.57A @ 12V DC (Average);

0.86A @ 24V DC (Peak);

0.30A @ 24V DC (Average);

*For all Current Draw Specifications, please visit our website.

Regulatory Standards:



LED STROBE LIGHTS

PART #	DESCRIPTION
0647231	12-24V LED Class I ECE/SAE Amber Strobe Light
0647261	12-24V LED Class I SAE Green Strobe Light
0647241	12-24V LED Class I SAE Blue Strobe Light
0647251	12-24V LED Class I SAE Red Strobe Light

LED STROBE LIGHTS WITH MAGNET MOUNT

PART #	DESCRIPTION
0647271	12-24V LED Class I ECE/SAE Amber Strobe Light with Magnet Mount
0647291	12-24V LED Class I SAE Green Strobe Light with Magnet Mount

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AVERTISSEMENT: Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov

REGISTERED NSN ON PAGE 6

PART #	ACCESSORIES
8200213	DIN Pole Mount for 407 LED Strobe Lights
0728301	Pipe Mount with Fold-Down Bracket for DIN Pole Mount
0728311	Pipe Mount with L Bracket for DIN Pole Mount
0728321	Pipe Mount with Straight 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



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