

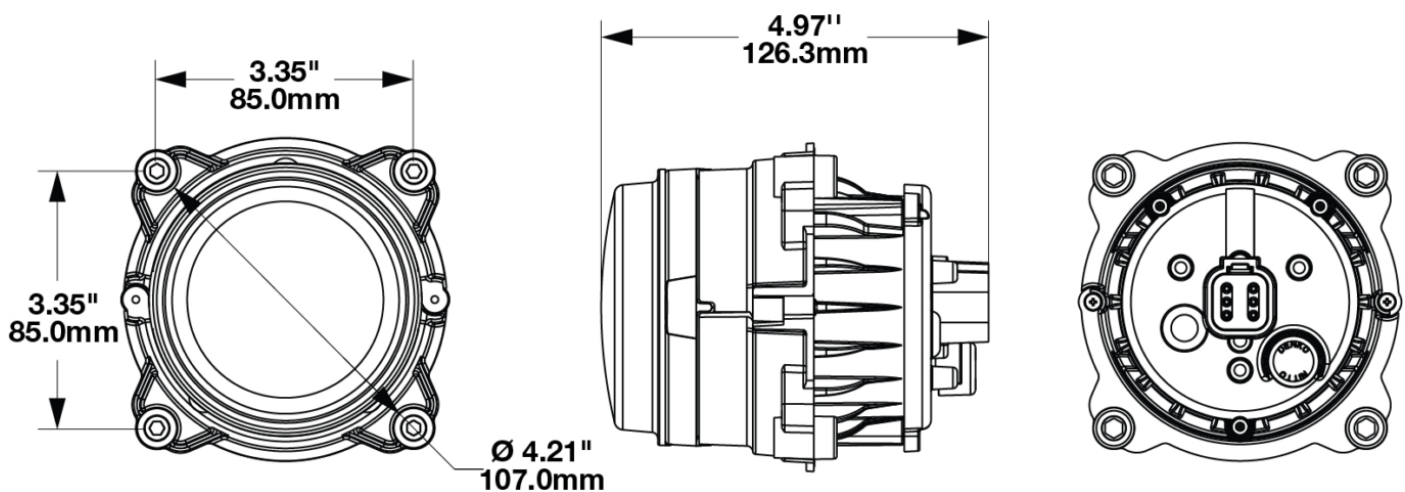
90mm 5-in-1 Function LED Light - Model 93

PRODUCT INFORMATION

Description	12V ECE R113 Motorcycle Headlight - (Bulk Qty. x16 lights with mounts)
Height	90.00 mm / 3.54 in
Width	90.00 mm / 3.54 in
Depth	126.04 mm / 4.96 in
Shape	Round
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Aluminum
Housing Color	Black
Minimum Operating Temperature	-40 °C / -40 °F
Maximum Operating Temperature	65 °C / 149 °F
Mating Connector	Deutsch DT06-6S
Product Weight	1.33 lbs / 0.6 kgs
Shipping Weight	22.77 lbs / 10.33 kgs



PRODUCT DIMENSIONS



Print date: 2022-07-01

© 2022 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

90mm 5-in-1 Function LED Light - Model 93

ELECTRICAL SPECIFICATIONS

Input Voltage	12V DC
Operating Voltage	9-16V DC
Transient Spike Protection	150V Peak @ 1 HZ-100 Pulses
Yellow Wire	Low Beam
Red Wire	Front Position
Blue Wire	DRL
Black Wire	Ground
White Wire	High Beam
Current Draw	1.35A @ 12V DC (Low Beam) 1.96A @ 12V DC (High Beam) 0.111A @ 12V DC (Front Position) 1.33A @ 12V DC (DRL)

REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 10
ECE Reg 148 - MA	ECE Reg 148 - RL
ECE Reg 149 - WC-DS	ECE Reg 149 - WR-DS
Eco Friendly	IEC IP67
IEC IP69K	Tested to ECE Reg. 10 (Radiated Emissions only)

Print date: 2022-07-01

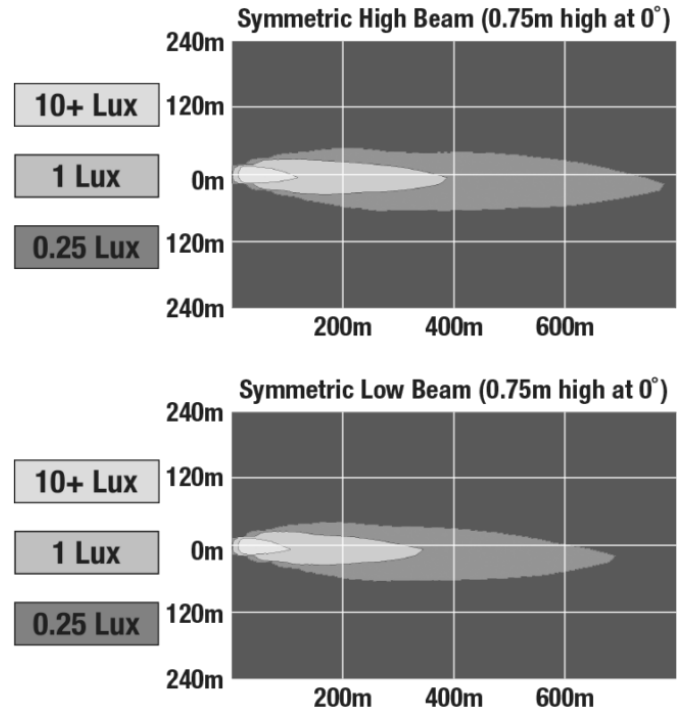
© 2022 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

90mm 5-in-1 Function LED Light - Model 93

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	1827(High Beam), 1325(Low Beam)
Effective Lumen Output	683(High Beam),495(Low Beam)
Candela Output	44,000(High Beam), 23,000(Low Beam)
Nominal LED Color Temperature	5665 K
Beam Pattern(s)	Forward Lighting - Daytime Running Light Forward Lighting - High Beam (ECE) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position



APPLICATIONS



Print date: 2022-07-01

© 2022 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

90mm 5-in-1 Function LED Light - Model 93

ADDITIONAL INFORMATION

3-point Mount for 1.5mm Mounting Frame is applicable for

- PN 0554381
- PN 0553071
- PN 0553091
- PN 0553101
- PN 0553081
- PN 0556701
- PN 0347941

3-point Mount for 3mm Mounting Frame is applicable for

- All Model 93 Lighting Options

PRODUCT WARNINGS

For California residents:

⚠ WARNING: Cancer and reproductive harm - www.P65Warnings.ca.gov.

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

Print date: 2022-07-01

© 2022 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER 
Engineered. Lighting. Solutions.

90mm 5-in-1 Function LED Light - Model 93

ACCESSORIES



Part Number
8001211
Motorcycle Bar Mount
Kit with Wiring
Harness, Large



Part Number
8001221
Motorcycle Bar Mount
Kit with Wiring
Harness, Small



Part Number
8001461
90mm Light 3-Point
Mount for 1.5mm
Mounting Frame



Part Number
8001471
90mm Light 3-Point
Mount for 3mm
Mounting Frame



Part Number
8001601
Pedestal Mounting
Bracket for Model 93
Single Lamp



Part Number
8001621
Pedestal Mounting
Bracket for Model 93
Double Lamp



Part Number
0700001
Motorcycle Bar Mount
Kit, 20-24mm



Part Number
0700011
Motorcycle Bar Mount
Kit, 25-29mm

90mm 5-in-1 Function LED Light - Model 93

RELATED PRODUCTS



Part Number
0347941
12-24V SAE/ECE LED
Turn Signal with DRL
Function



Part Number
0553071
12-24V DOT/ECE LED
High Beam Headlight



Part Number
0553081
12-24V DOT/ECE Reg
113 LED Agriculture
Low Beam Headlight



Part Number
0553091
12-24V DOT/ECE Reg
112 LHT LED Low
Beam Headlight



Part Number
0553101
12-24V DOT/ECE Reg
112 RHT LED Low
Beam Headlight



Part Number
0554381
12-24V DOT/ECE LED
High Beam Headlight
with Front Position



Part Number
0556701
12-24V SAE/ECE LED
Fog Light



Part Number
0560371
12-24V DOT/ECE R112
RHT 5-in-1 Headlight