

# LED Headlights - Model 515

## PRODUCT INFORMATION

<b>Description</b>	12-48V ECE LED Material Handling Headlight with Chrome Inner Bezel
<b>Height</b>	194.06 mm / 7.64 in
<b>Width</b>	107.95 mm / 4.25 in
<b>Depth</b>	131.57 mm / 5.18 in
<b>Shape</b>	Stylized
<b>Outer Lens Material</b>	Hardcoated Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Housing Material</b>	Die-Cast Aluminum
<b>Housing Color</b>	Black
<b>Bezel Color</b>	Chrome
<b>Mounting Hardware Description</b>	(x2) M6-1 x 25 Mounting Bolts
<b>Mounting Type</b>	Mounts to front of lift truck
<b>Minimum Operating Temperature</b>	-40 °C / -40 °F
<b>Maximum Operating Temperature</b>	65 °C / 149 °F
<b>Connector or Wiring</b>	Integrated 4-Pin Deutsch Weather-Proof Socket (DT04-4P)
<b>Mating Connector</b>	4-Pin Deutsch Weather-Proof Plug (DT06-4S)
<b>Product Weight</b>	2.14 lbs / 0.97 kgs
<b>Shipping Weight</b>	2.45 lbs / 1.11 kgs



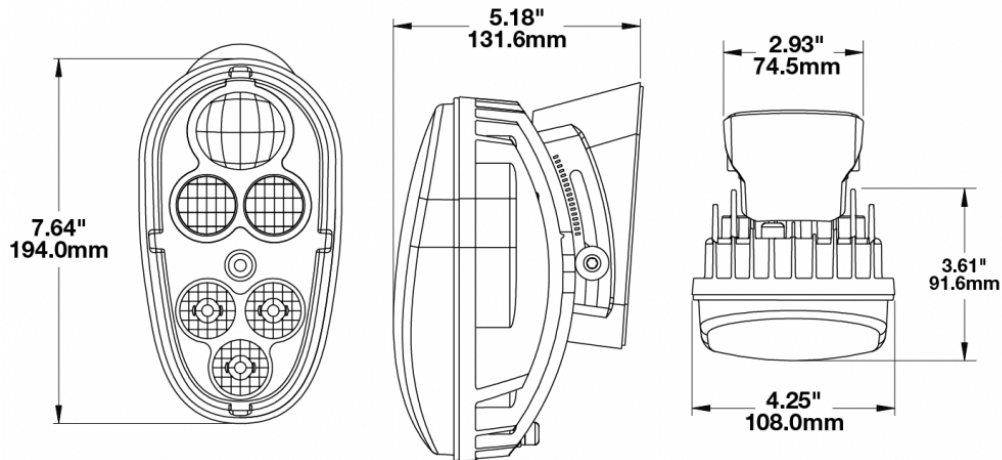
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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-48V DC
<b>Operating Voltage</b>	9-60V DC
<b>Transient Spike Protection</b>	330V Peak @ 1 HZ-100 Pulses
<b>White Wire</b>	Front Position
<b>Red Wire</b>	Low Beam
<b>Yellow Wire</b>	Turn
<b>Black Wire</b>	Ground
<b>Current Draw</b>	0.60A @ 12V DC (Low Beam)
	0.30A @ 24V DC (Low Beam)
	0.20A @ 36V DC (Low Beam)
	0.15A @ 48V DC (Low Beam)
	0.05A @ 12V DC (Front Position)
	0.05A @ 24V DC (Front Position)
	0.05A @ 36V DC (Front Position)
	0.05A @ 48V DC (Front Position)
	1.45A @ 12V DC (Turn Signal)
	0.70A @ 24V DC (Turn Signal)
	0.45A @ 36V DC (Turn Signal)
	0.40A @ 48V DC (Turn Signal)

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## REGULATORY STANDARDS COMPLIANCE

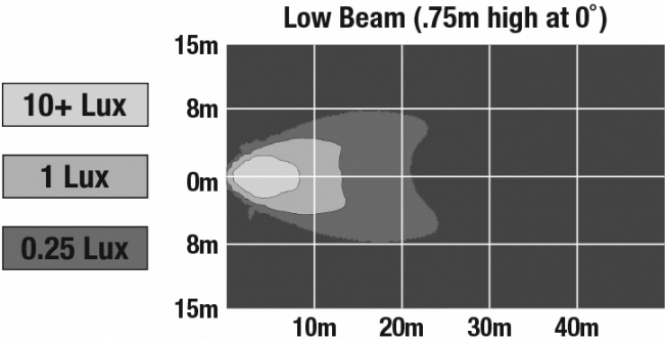


Buy America Standards  
ECE Reg 6  
Eco Friendly

ECE Reg 113  
ECE Reg 7  
IEC IP67

## PHOTOMETRIC SPECIFICATIONS

**Raw Lumen Output** 540 Lumens (Low Beam)  
**Effective Lumen Output** 420 Lumens (Low Beam)  
**Nominal LED Color Temperature** 5000 K  
**Beam Pattern(s)** Forward Lighting - Low Beam (ECE Left Hand)  
 Forward Lighting - Low Beam (ECE Right Hand)  
 Signalization - Front Position  
 Signalization - Turn (Front)  
 Signalization - Turn (Rear)



## APPLICATIONS



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## RELATED PRODUCTS

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**Part Number**

**0548901**

12-48V ECE LED  
Material Handling  
Headlight with Black  
Inner Bezel

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