

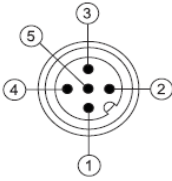
## Features

- 5 watt High Current LED
- 30mm Barrel Style Housing
- M12 Quick Disconnect
- Driver built in – No External wiring to a driver
- PNP and NPN Strobe input
- Continuous operation or Strobe mode
- Dimmable via built in potentiometer
- Analog intensity via 0-10VDC signal
- Standard optics provide tight collimated light

CE Compliant and RoHS Compliant



Electrical Input	Voltage - 24 VDC +/- 10%    Maximum 6 Watts
Analog Intensity	The output is adjustable from 0-100% of brightness by a 0 -10 VDC signal
Dimmable	The output is manually adjustable from 0-100% of brightness by potentiometer
Continuous Mode	Light will be in continuous mode by leaving signal on strobe input
Strobe	PNP ► +5VDC or greater to activate.    NPN ► GND (<1VDC) to activate
Strobe Mode	The Light will operate in either continuous or strobe mode. In strobe mode, the output pulse width will track the pulse width of the strobe pulse.

	<p>1 = 24VDC 2 = NPN STROBE 3 = GND 4 = PNP STROBE 5 = 0-10VDC Analog</p>	<p>Standard M12 mating cable color code:</p>
		<p>BROWN WHITE BLUE BLACK *GRAY (GREEN/YELLOW)</p>
<p>* 5 pin Standard M12 mating cable must be used: +VDC must be connected to pin 5 if Analog 0-10 VDC is not used.</p>		

## S30 – XXX —» Part Number Key

<p><b>Product Family:</b> Spot Light 30mm Barrel</p>	<p><b>Color:</b> 625 – Red            IR 850nm White – WHI        IR 940nm 470 – Blue            UV 395nm 505 – Cyan            UV 365nm 530 – Green 590 - Yellow</p>
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**Optical Performance**


Brightness distribution is measured using a CCD camera system. Three levels are expressed by areas and colors. The highest brightness is 100% and the other areas are assigned a percentage according to their measured value. Data is collected from testing red and white LED lights. An output difference between lights is normal and is the result of LED tolerances from the manufacturer.

**S30 with Wide Lenses**

Working Distance mm (inches)	Pattern (80%-100% measured intensity)
	mm (Inches)
.5m (19.7")	200mm(7.8") D
1m (39.4")	400mm(15.7") D
1.5m (59")	600mm(23.6") D
2m (78.8")	800mm(31.5") D

Typical output performance	Illumination (Lux)
Distance = 1 meter	260
<i>Illumination measurement taken on White Lights – 6500K</i>	

**Brightness Distribution**  
 Measured at 1m
