

## Features

- Different Lenses Available
- Connect up to 4 lights Together
- Wrap light around a circular object
- Continuous operation or Strobe mode
- Analog intensity via 0-10VDC signal
- PNP and NPN Strobe input



Electrical Input	Voltage: 24 VDC +/- 5%	
Dimmable	Output is manually adjustable from 10-100% of brightness by potentiometer or Analog signal	
Strobe Input	PNP ▶ +4VDC or greater to activate.	NPN ▶ GND (<0.7VDC) to activate
Current	Max 1.5A draw	
Continuous Mode	Light will be in continuous mode by leaving signal on strobe input active	
Yellow Indicator LED	LED Strobe Indicator ON = Light Active	
GREEN Indicator LED	ON = Power	
Potentiometer	Intensity control of 10% to 100% Clockwise increases intensity	
Analog Intensity	The output is adjustable from 10 -100% of brightness by a 0 -10 VDC signal	
Power	Smart Vision Lights recommends 1.5 amps of supply current per light.	

## DFL460 – XXX – X —» Part Number Key

**Product Family:**  
Curved Linear  
DFL460

**Color:**  
625 – Red  
White – WHI  
470 – Blue  
530 – Green  
IR 850 & 940  
UV 365 & 395

**Lenses:**  
W - Wide  
N - Narrow

\* Lights come standard with Line lenses

Connecting Lights Together – Daisy Chain



Double T-Nut  
Secures Lights Together



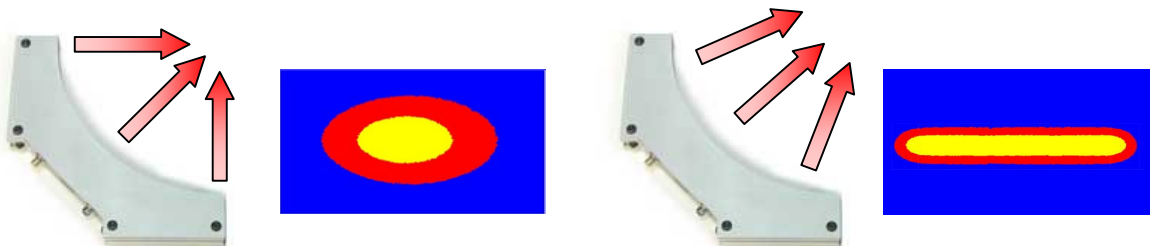
Connect Lights together using jumper cables  
Part Number 5PM12-J1000



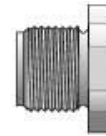
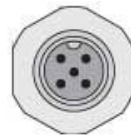
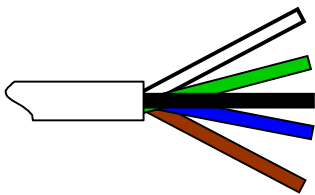
Connect up to 4 lights together. Connected together inside diameter is 460mm.

Light Distribution Data Sheets Available for Line, Narrow and Wide Lenses

Lens distribution information available at [smartvisionlights.com](http://smartvisionlights.com)

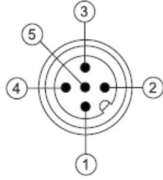


**Smart Vision Lights cables are 5 conductors M12 in 18AWG wire. 18AWG is recommended for ALL OverDrive series and standard series lights. 18AWG is necessary to strobe lights at full current. Common M12 cables are 22AWG. Standard 22AWG wires will not supply full power needed for our light. Smart Vision Lights recommends the cable from the power supply to the light be kept to a minimum.**



PIN	Wire Color	Function	Signal
1	BROWN	Power	+24 VDC
2	WHITE	NPN Strobe	GND for Active ON
3	BLUE	Ground	GND
4	BLACK	PNP Strobe	4VDC to 24VDC for Active ON
5	GREEN	Analog Intensity Control	0-10 VDC

Standard M12 5 Pin cable color code

Pin and Cable Color Assignment	
 <p>Connector on Light</p> <p>1 = 24VDC 2 = NPN STROBE 3 = GND 4 = PNP STROBE 5 = 0-10VDC Analog</p>	<p>Standard M12 mating cable color</p> <p>BROWN WHITE BLUE BLACK GREEN (GRAY)</p>
<p><b>If Analog 0-10 VDC is not used to control light intensity; +VDC (24VDC) must be connected to Analog Input.</b></p>	

- 5 pin Standard M12 mating cable must be used.
- 0 – 10 VDC Analog controls intensity of light from 10-100%. 0VDC = 10%, 10VDC = 100%
- PNP and NPN strobe – In strobe mode the light output will track the pulse width of the strobe input.
- Continuous mode – Leaving the NPN or PNP strobe signal in an active ON state.