

## PRODUCT DESCRIPTION

PL-DRL series is our versatile direct ring light designed for high-power illumination across varying distances. With interchangeable lenses, this series accommodates light cones ranging from 15 to 60 degrees, offering exceptional flexibility for different applications. The PL-DRL series delivers intense and focused lighting, enhancing image clarity and precision in machine vision systems. Its robust design ensures durability and easy installation, making it suitable for diverse industrial environments. Whether you need wide or narrow light beams, the PL-DRL series provides the adaptability and performance needed for your high-power illumination requirements.

## PRODUCT SPECIFICATIONS

### PL-RNG-DRL-90

Wave length	WHI (full spectrum), IR , Red, Green, Blue <sup>1</sup>
Electrical input:	24VDC +/-5%
Input Current	1A
Wattage	24W
Connection	3 wire flying lead/4 pin M12 connector
Ambient Temperature	0° - 40°C
IP Rating	IP50
Weight	~ 180g
Compliances	RoHS, IEC 62471
Warranty	1 years <sup>2</sup>

<sup>1</sup> Spectrum detailed specification: IR >800nm, Red 612-630 nm, Green 513-545 nm, Blue 450-480 nm. For any other wave lengths contact manufacturer at [info@pltech.si](mailto:info@pltech.si)

<sup>2</sup> See [pltech.si/warranty](http://pltech.si/warranty) for details

LENS OPTIONS

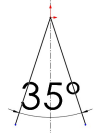
**NARROW**

Narrow 15° cone lenses for perfect illumination at long working distances



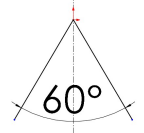
**WIDE**

Wide 35° cone lenses offer good balance between light intensity and working distance



**XWIDE**

Extra wide 60° cone lenses provide superb illumination even at very short working distances



WIRING CONFIGURATION

Connector model:



Pins	Function	Signal	Wire Color
1	Power In	+24 VDC	Brown
2	NC	NC	White
3	GND	Ground	Blue
4	Triger	12-24VDC	Black

