

[All Products](#) / [Lights and Illumination](#) / [Machine Vision Lighting](#) / [Spot Lights](#)

Advanced Illumination LED Spot Lights See More by [Advanced Illumination](#)



- Ideal for Machine Vision Illumination
- Provides 43mm Coverage at 100mm
- 50,000 Hour Product Lifetime

Common Specifications

General

LED Lifetime (hours):	50,000	Number of Channels:	1.00
Type of Illumination:	LED Illuminator	Manufacturer:	Advanced Illumination
Geometry:	Spot Light		

Physical & Mechanical Properties

Field Coverage (mm):	43.00
-----------------------------	-------

Optical Properties

Working Distance (mm):	100.00	Light Distribution (%):	±10 Edge to Edge (Dependent on Working Distance)
-------------------------------	--------	--------------------------------	--

Hardware & Interface Connectivity

Connector:	Flying Leads	Power Supply:	Power Supply Required and Sold Separately: USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 China: #66-855
-------------------	--------------	----------------------	---

Environmental & Durability Factors

Operating Temperature (°C):	0 to 65
------------------------------------	---------

Technical Information

Products

Color	Wavelength (nm)	Dia. (inches)	Dia. (mm)	Stock Number	Price	Buy
White	-	-	22.90	#66-856	C\$553.00	Contact Us
Blue	470.00	-	22.90	#66-857	C\$553.00	2 In Stock

[#83-299 Clearance](#)



Green	530.00	-	22.90	Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	C\$576.73	1 In Stock
-------	--------	---	-------	---	-----------	------------

[#83-299-RCD-03N Recertified](#)



Recertified

Stock No.: 83-299-RCD-03N
Recertified Code: 03N (Missing Manual and Small Accessory, Minor Defect/Scratches)

Recertified Products

Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

Green	530.00	-	22.90	Recertified products are inspected for damage and any necessary repairs are	C\$627.20	1 In Stock
-------	--------	---	-------	---	-----------	------------

made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard [return policy](#) applies.

View all our [recertified products](#) in the Web Specials section of our website.

Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Red	625.00	-	22.90	#66-859	C\$553.00	Contact Us
IR	850.00	-	22.90	#66-860	C\$567.00	1 In Stock
White	-	-	31.80	#88-512	C\$742.00	1 In Stock
White	-	-	38.00	#66-815	C\$637.00	3 In Stock
Blue	470.00	-	38.00	#66-816	C\$637.00	Contact Us
Green	520.00	-	38.00	#66-817	C\$637.00	Contact Us
Red	625.00	-	38.00	#66-818	C\$623.00	Contact Us
IR	880.00	-	38.00	#66-819	C\$546.00	Contact Us
White	-	-	54.00	#66-820	C\$1,134.00	Contact Us
Blue	470.00	-	54.00	#66-821	C\$1,134.00	Contact Us
Green	520.00	-	54.00	#66-822	C\$1,134.00	Contact Us

Red	625.00	-	54.00	#66-823	C\$966.00	Contact Us
IR	880.00	-	54.00	#66-824	C\$966.00	Contact Us



Copyright 2023, Edmund Optics Inc., 101 East Gloucester Pike, Barrington, NJ 08007-1380 USA
 Phone: 1-800-363-1992 :
www.edmundoptics.com