



UV Vision Lights for use with Banner and other Vision Systems

January 2012



LED High-Intensity Ring Lights

Model*	LED Color	Bracket	Cable
LEDUV395R70XD5-XQ	UV, 395 nm	Optional Bracket available (see mounting bracket)	150 mm (6") pigtail with threaded 5-pin Euro-style connector†
LEDUV395R70XD5-XM	UV, 395 nm	Built-in P4 bracket (see dimensions)	300 mm (12") pigtail with threaded 3-pin Pico-style connector ††

*For models with controllable intensity, add "P" to the model number (e.g. LEDRR70XD5-PQ)

† Requires Euro-style cordset

†† Connects directly to the P4 Sensor

LED High-Intensity Area Lights

Model		LED Color	Cable
Fixed Intensity	Adjustable Intensity		
LEDUV395A70XD5-XQ	LEDUV395A70XD5-PQ	UV, 395 nm	150 mm (6") pigtail with threaded 5-pin Euro-style connector. Requires Euro-style mating cordset
LEDUV395A70XD5-XM	LEDUV395A70XD5-PM	UV, 395 nm	2 m (6.5') pigtail with threaded 3-pin Pico-style connector. Connects directly to the P4 sensor

LED High-Intensity Sealed Area Lights

Fixed-Intensity Models* (Nickel-Plated Aluminum Housing)

Acrylic Window	Glass Window	Diffuse Window (acrylic)	LED Color
N/A	LEDUV365A70AG5-XQ	N/A	UV, 365 nm
LEDUV395A70AP5-XQ	LEDUV395A70AG5-XQ	LEDUV395A70AD5-XQ	UV, 395 nm

Fixed-Intensity Models* (316 Stainless Steel Housing)

Acrylic Window	Glass Window	Diffuse Window (acrylic)	LED Color
N/A	LEDUV365A70SSG5-XQ	N/A	UV, 365 nm
LEDUV395A70SSP5-XQ	LEDUV395A70SSG5-XQ	LEDUV395A70SSD5-XQ‡	UV, 395 nm

*For models with adjustable intensity, replace “XQ” with “PQ” in the model number (e.g. LEDRA70SSP5-PQ).

LED High-Power Unsealed Linear Array Lights

Light Source	LED Color	Linear Array	Array Length	Housing	Window Material	Relative Intensity	Intensity Control	Connector
LED	UV365 = UV365nm UV395 = UV395nm	LA	145 mm 290 mm 435 mm 580 mm 870 mm 1160 mm	X = IP50	P = Clear Plastic G = Glass * D = Diffuse Plastic	6-	X = Not Adjustable	Q = QD

LED High-Power Sealed Linear Array Lights

Light Source	LED Color	Linear Array	Array Length	Housing	Window Material	Relative Intensity	Intensity Control	Connector
LED	UV365 = UV365nm UV395 = UV395nm	LA	290 mm 435 mm 580 mm	A = Aluminum SS = Stainless Steel	P = Clear Plastic G = Glass * D = Diffuse Plastic	6-	X = Not Adjustable	Q = QD

LED High-Power Unsealed Linear Array Lights with Intensity Adjustment

Light Source	LED Color	Linear Array	Array Length	Housing	Window Material	Relative Intensity	Intensity Control / Strobe Polarity	Connector
LED	UV365 = UV365nm UV395 = UV395nm	LA	290 mm 435 mm 580 mm 870 mm 1160 mm	X = IP50	P = Clear Plastic G = Glass * D = Diffuse Plastic	6-	PL = Pot & analog wire, Low PH = Pot & analog wire, High	Q = QD

*UV365 Only available with glass window

FOR PRICING – please contact IEC Supply at 480-894-2375

Development Strategy

Banner’s Ultraviolet (UV) lights were developed to be safely used in machine vision applications where UV sensitive materials fluoresce when exposed to UV light. UV models have been added to all established vision light families.

Examples of applications include fluorescing labels, packaging material, glues, dyes and printing in UV inks such as registration marks and barcodes.