



Mechanical Information						
Casing Material	Aluminium					
Storage Temperature Range	0 - 45°C					
Storage Humidity Range	20 - 85%					
Weight	0g					
Width / Inner Diameter	94mm					
Length / Outer Diameter	131mm					
Height / Thickness	24.5mm					



Lighting Information												
LED Color		BLUE		BLUE			BLUE			BLUE		
Wavelength	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Restricts  Specimen  Speci			### ##################################			15		
Working Distance	170 mm	181 mm	192m m	170 mm	181 mm	192m m	170 mm	181 mm	192m m	170 mm	181 mm	192m m
Intensity (±15%)	Olx	Olx	Olx	Olx	Olx	Olx	Olx	Olx	Olx	Olx	Olx	Olx
	ULX	3	Utx	ULX		ULX	ULX		ULX	ULX		ULX
Illumination (Number of Row)				1	3			3			3	
Illumination Active Area	Active Outer Diameter  Active Inner Diameter				118 94							
Emission Angle	75°				75° 75°			75°				
	EXEMPT			EXEMPT			EXEMPT			EXEMPT		
Eye Safety Class (IEC62471)	pose photol hazaro contin unrest Examp expos acute eye 10,000 hours) startin blue	es, which any positions of the any cause light	for the and posure. ours of ses no o either and ds (2.8 intent	pose photol hazard continurrest Example expose acute eye 10,000	es, which any population of even from uous ricted expole: 8 houre pose hazard to or skin, or second of the g cause light	or the and cosure. ours of es no either and ds (2.8 intent	pose photol hazard continurest Example expose acute eye 10,000	es, which any populated even for sking of second of the lig cause light	for the and coosure. Ours of es no o either and ds (2.8 intent	pose photol hazaro contin unrest Examp expos acute eye 10,000	es, which any po- piological deven f uous cricted exp ple: 8 ho ure pose hazard to or skin 0 second of the ug cause light	for the and posure. ours of es no o either and ds (2.8 intent
Chromaticity Table For White Colour Only	Color Saria.  Seek 98  1.1 0.11 0.15 0.15  1.2 0.04 0.11 0.15 0.15  1.3 0.04 0.11 0.15 0.04  1.4 Sariage at \$1-255\$  1.5 Saria			Color Zust						y 0.04  * Ranking at T <sub>A</sub> =25°C  * Tolerance of measu  * Tolerance of measu  * Tolerance of measu  * A shipment shall co	Rank W 0.11 0.15 0.15 0.10 0.10 0.04 rements of the Forward Voltage rements of the Luminous Intervenents of the Chromaticity Contact of LEDs in a combination such rank in the shipment shall	e is ±3%, sity is ±10%, cordinate is ±0.01, of the above ranks.

Electrical Information								
Rated Voltage	24V <sub>(Min)</sub> - 24V <sub>(Max)</sub>							
Rated Current	540mA	540mA 540mA 540mA 540mA						
Power Consumption	12.960W 12.960W 12.960W 12.960W							
Casing Temperature, After 60 minutes operation	60°C							

Strobe Mode Specification									
*Normal Strobe Voltage		24V							
*Normal Strobe Current	540	540mA 540mA 540mA 540mA					)mA		
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	
Overdrive Current Range	Min:	Max:	Min:	Max:	Min:	Max:	Min:	Max:	
Overdrive Current Range	6940mA	13340mA	6940mA	13340mA	6940mA	13340mA	6940mA	13340mA	
Recommended Overdrive Voltage	36	6V	36V		30	6V	36	6V	



Connection Information							
Connector Type		JST SMR-03V-B					
Cable Length		500mm					
	Pin	Signal	Cable Color				
	1	24V	RED				
	2	-	-				
	3	GND	WHITE / BLACK				
Pin Configuration			3 1 PIN 1 24V PIN 2 - PIN 3 GND				

Additional Information						
Additional Cooling Method Attached to machine part for better heat dissipation						
Intensity Controller Selection LTIC series						
CE Conformity	YES					
RoHS Compliance	YES					

Application							
Illumination Type	Direct Low Angle, Ring Illumination						
Application Use	<ul> <li>Edge Detection</li> <li>Scratch on Metal or Glossy Surface</li> </ul>	CAMERA LENS  HIS MODI OBJECT					



Lighting Pattern							
Working Distance	For further details, please contact us						
Display and Image	For further details, please contact us						
	Horizontal	Meas. (mm)	Vertical	Meas. (mm)			
	90%	N.A.	90%	N.A.			
Data Results	90%	N.A.	90%	N.A.			
	80%	N.A.	80%	N.A.			
	70%	N.A.	70%	N.A.			
	60%	N.A.	60%	N.A.			
	50%	N.A.	50%	N.A.			
	40%	N.A.	40%	N.A.			
	30%	N.A.	30%	N.A.			
	20%	N.A.	20%	N.A.			
	10%	N.A.	10%	N.A.			