



Mechanical Information						
Casing Material	Aluminium					
Storage Temperature Range	0 - 45°C					
Storage Humidity Range	20 - 85%					
Weight	492g					
Width / Inner Diameter	40mm					
Length / Outer Diameter	185mm					
Height / Thickness	89.8mm					



Lighting Information												
LED Color		BLUE		BLUE		BLUE			BLUE			
Wavelength												
	444	nm - 461	1 nm	444	444 nm - 461 nm		444	444 nm - 461 nm		444 nm - 461 nm		
Working Distance	20m m	30m m	50m m	20m m	30m m	50m m	20m m	30m m	50m m	20m m	30m m	50m m
Intensity (±15%)	Olx	Olx	0lx	Olx	0lx	0lx	Olx	Olx	0lx	Olx	Olx	0lx
Illumination (Number of Row)		1			1			1			1	
	Activ	e Outer D	iameter					138				
Illumination Active Area	Active Inner Diameter			40								
Emission Angle	0°				0° 0°				0°			
Eye Safety Class (IEC62471)	pose photol hazaro contin unrest Examp expose acute eye 10,000 hours)	es, which any populated even for sking of second of the light	with do not otential for the and posure. ours of es no o either and ds (2.8 intent	pose photological properties of the photological properties of	es, which any population any populat	with do not ptential or the and posure. Purs of es no either and is (2.8 intent	pose photolic hazard continurest Example expose acute eye 10,000 hours)	es, which any population any populat	with do not otential for the and cosure. ours of es no either and ds (2.8 intent	pose photol hazaro contin unrest Examp expos acute eye 10,000 hours)	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	with do not otential or the and cosure. ours of es no either and ds (2.8 intent
Chromaticity Table For White Colour Only												

Electrical Information							
Rated Voltage	24V _(Min) - 24V _(Max)						
Rated Current	245mA 245mA 245mA 245mA						
Power Consumption	5.880W 5.880W 5.880W 5.880W						
Casing Temperature, After 60 minutes operation	60°C						

Strobe Mode Specification								
*Normal Strobe Voltage	24V							
*Normal Strobe Current	245	245mA 245mA 245mA 245mA						5mA
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 Nange	2508mA	4035mA	2508mA	4035mA	2508mA	4035mA	2508mA	4035mA
Recommended Overdrive Voltage	36V 36V 36V 36V							
**Max. Trigger Pulse Duration	10%							



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	4 Sectional Illumination							
Application Use	 Cracks, Chips, Stains & Marks on Circular or Cylindrical Objects Inspection Solder and Substrate Inspection 	CAMERA LENS THIS MODEL 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.			
	90%	N.A.	90%	N.A.			
Data Results	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.			