





Lighting Information						
LED Color	BLUE					
Wavelength	### DECE ##################################					
Working Distance	118mm	128mm		138mm		
Intensity (±15%)	75800lx	69600lx		63800lx		
Illumination (Number of Row)	5					
Illumination Active Area	Active Outer Diameter	95				
Ittummation Active Area	Active Inner Diameter 50.4					
Emission Angle	15°					
Eye Safety Class (IEC62471)	EXEMPT Products with sources, which do not pose any potential photobiological hazard even for the continuous and unrestricted exposure. Example: 8 hours of exposure poses no acute hazard to either eye or skin, and 10,000 seconds (2.8 hours) of the intent starting causes no blue light retinal hazard.					
Chromaticity Table For White Colour Only	* Tolerance * Tolerance * A shipme	Rank W 0.11 0.11 0.15 0.04 0.10 0.10 It T _A =25°C. of measurements of the Forward of measurements of the Luminou of measurements of the Chromath shall consist of LEDs in a combination of each rank in the shipments	is Intensity is ± 1 ticity Coordinate ination of the ab	10%. is ±0.01. pove ranks.		

Electrical Information			
Rated Voltage	24V _(Min) - 24V _(Max)		
Rated Current	570mA		
Power Consumption	13.680W		
Casing Temperature, After 60 minutes operation	60°C		

Strobe Mode Specification				
*Normal Strobe Voltage	24V			
*Normal Strobe Current	570mA			
Overdrive Voltage Range	Min: 36V	Max: 48V		
Overdrive Current Range	Min: 2258mA	Max: 3947mA		
Recommended Overdrive Voltage	36V			
**Max. Trigger Pulse Duration	10%			
**Max. Duty Cycle	10msec			

^{*}Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.

^{**}Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.



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	lection LTIC series		
CE Conformity	YES		
RoHS Compliance	YES		

Application				
Illumination Type	High Intensity, Concentrated Ring Illumination			
Application Use	Substrate InspectionFiducial RecognitionFlat SurfaceLabel Inspection	CAMEA IDG		



Lighting Pattern				
Working Distance	For further details, please contact us			
Display and Image	For further details, please contact us			
Data Results	Horizontal	Meas. (mm)	Vertical	Meas. (mm)
	90%	N.A.	90%	N.A.
	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.