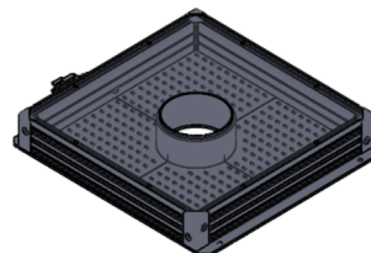
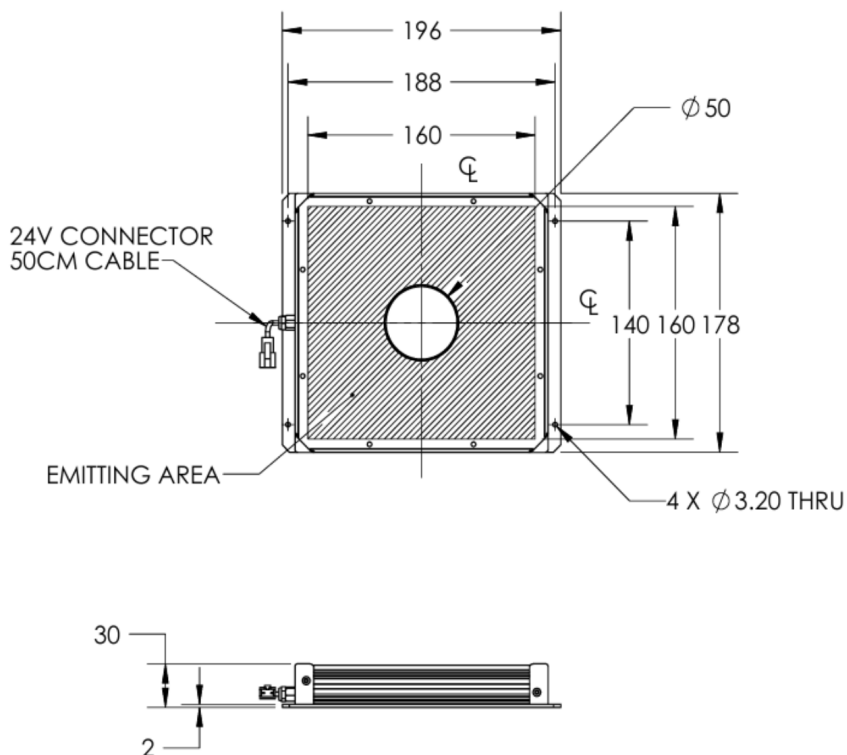


LTPVZE160X160D50-X-W-24V

Lighting Dimension



Mechanical Information

Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	665g
Width / Inner Diameter	178mm
Length / Outer Diameter	196mm
Height / Thickness	30mm

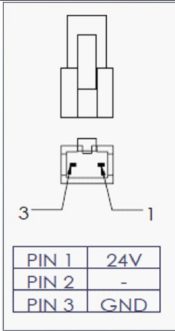
ILLUMINATOR DATA

LTPVZE160X160D50-X-W-24V

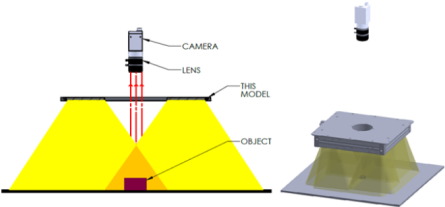
Lighting Information			
LED Color	WHITE		
Wavelength	波長スペクトル Spectrum T_j=25°C L=200mA 0.0 0.2 0.4 0.6 0.8 1.0 相対強度 Relative Intensity (a.u.) 350 400 450 500 550 600 650 700 750 波長 Wavelength(nm) 6500 k		
Working Distance	70mm	85mm	100mm
Intensity (±15%)	17298lx	15196lx	13794lx
Illumination (Number of Row)	0		
Illumination Active Area	Active Outer Diameter	160	
	Active Inner Diameter	160	
Emission Angle	0°		
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	Color Points Range 03 x 0.2870 0.2830 0.3040 0.3070 y 0.2950 0.3050 0.3300 0.3330 Range 05 x 0.2960 0.2970 0.3070 0.3110 y 0.2760 0.2900 0.3100 0.2960 Range 01 x 0.3300 0.3300 0.3610 0.3570 y 0.3390 0.3600 0.3850 0.3610 Range 0600 x 0.3366 0.3370 0.3546 0.3515 y 0.3300 0.3616 0.3706 0.3607 Range 0605 x 0.3070 0.3040 0.3207 0.3221 y 0.3113 0.3200 0.3292 0.3281 Range 04 x 0.3070 0.3060 0.3300 0.3300 y 0.3300 0.3300 0.3600 0.3300 Range 06 x 0.3110 0.3070 0.3300 0.3300 y 0.2960 0.3100 0.3300 0.3100 Range 02 x 0.3300 0.3300 0.3570 0.3560 y 0.3300 0.3300 0.3610 0.3510 Range 0607 x 0.3221 0.3207 0.3376 0.3366 y 0.3300 0.3600 0.3610 0.3300 * Rating at T_j=25°C * Tolerance of measurements of the Forward Voltage is ±0.05V * Tolerance of measurements of the Luminous Flux is ±7% * Tolerance of measurements of the Color Rendering Index is ±3 * Tolerance of measurements of the Chromaticity Coordinate is ±0.005 * A alignment shall consist of LEDs in a combination of the above ranks. The percentage of each rank in the shipment shall be determined by Mqls.		

ILLUMINATOR DATA

LTPVZE160X160D50-X-W-24V

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

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	High Intensity Diffused Front Light
Application Use	• Robotic Picking • Identification of Missing Part • Dimensions Measurements • Shape Recognition 

ILLUMINATOR DATA

LTPVZE160X160D50-X-W-24V

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.