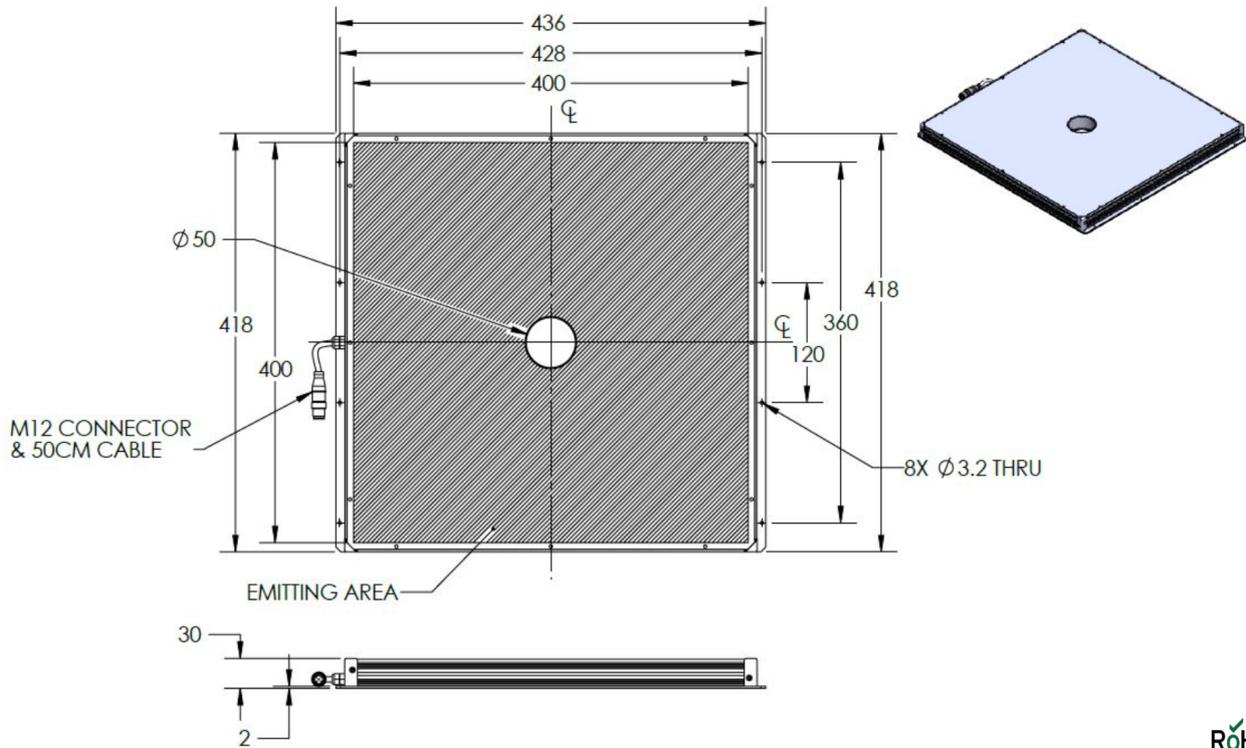


## LTPVZE400X400D50-X-R-24V

### Lighting Dimension

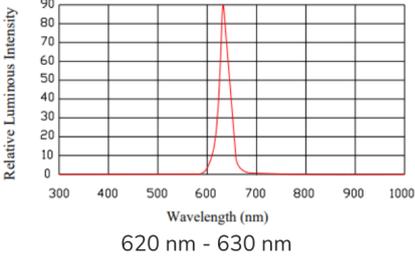


### Mechanical Information

Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	2650g
Width / Inner Diameter	418mm
Length / Outer Diameter	436mm
Height / Thickness	30mm

# ILLUMINATOR DATA

## LTPVZE400X400D50-X-R-24V

Lighting Information			
LED Color	RED		
Wavelength	 <p>620 nm - 630 nm</p>		
Working Distance	70mm	85mm	100mm
Intensity ( $\pm 15\%$ )	15879lx	139371lx	12659lx
Illumination (Number of Row)	0		
Illumination Active Area	Active Outer Diameter	400	
	Active Inner Diameter	400	
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			

Electrical Information	
Rated Voltage	24V <sub>(Min)</sub> - 24V <sub>(Max)</sub>
Rated Current	3300mA
Power Consumption	79.200W
Casing Temperature, After 60 minutes operation	60°C

Strobe Mode Specification	
*Normal Strobe Voltage	24V
*Normal Strobe Current	3300mA
Overdrive Voltage Range	Min: 36V      Max: 48V
Overdrive Current Range	Min: 8917mA      Max: 14534mA
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.

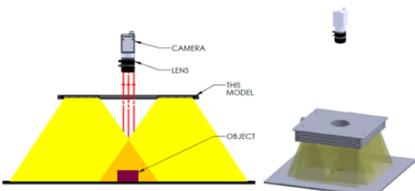
\*\*Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

# ILLUMINATOR DATA

## LTPVZE400X400D50-X-R-24V

Connection Information			
Connector Type	INST INST-M12AM05MLS		
Cable Length	500mm		
Pin Configuration	Pin	Signal	Cable Color
	1	24V	BROWN
	2	-	WHITE
	3	GND	BLUE
	4	-	BLACK
	5	-	GRAY
			

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	<ul style="list-style-type: none"> <li>• Robotic Picking</li> <li>• Identification of Missing Part</li> <li>• Dimensions Measurements</li> <li>• Shape Recognition</li> </ul> 

# ILLUMINATOR DATA

## LTPVZE400X400D50-X-R-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.	