LT3PVZL80X80-00-X-IR850-24V

Lighting Dimension
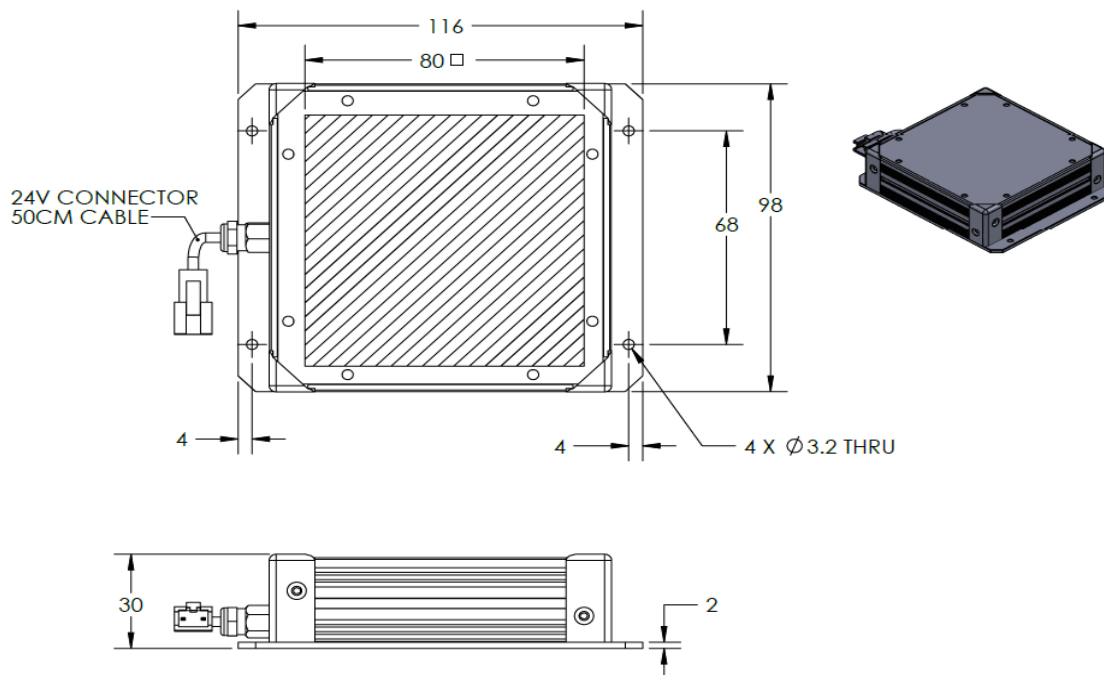
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	96g
Length / Outer Diameter	116mm
Width / Inner Diameter	98mm
Thickness / Height	30mm

ILLUMINATOR DATA

LT3PVZL80X80-00-X-IR850-24V

Lighting Information			
Part Number	LT3PVZL80X80-00-X-IR850-24V		
LED Color	IR850		
Wavelength	850		
Working Distance	N/A	N/A	N/A
Intensity (±15%)	*FOR FURTHER INFORMATION PLEASE CONTACT US		
Illumination (number of row)	X		
Illumination Active Area	Active Length / Outer Dia.		80
	Active Width / Inner Dia.		80
Emission angle	0		
Eye Safety Class (IEC62471)	EXEMPT		
Chromaticity Table For White colour only			

X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33
Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318

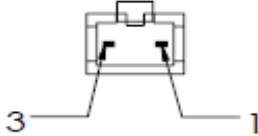| Electrical Information	
Rated Constant Voltage	24V±2%
Rated Constant Current	130mA
Power Consumption	3.12W
Casing temperature, After 60 minutes operation	58.6

Strobe Mode Specification		
*Normal Strobe Voltage	24 V	
*Normal Strobe Current	135mA	
Overdrive Voltage Range	Min: 36V	Max: 48V
Overdrive Current Range	Min: 405mA	Max: 545mA
Recommended Overdrive Voltage	36V	
**Max. Trigger Pulse Duration	10 msec	
**Max. Duty Cycle	10%	

*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.

LT3PVZL80X80-00-X-IR850-24V

Connection Information			
Connector Type (Default)	JST SMR-03V		
Cable Length	50 cm		
Pin Configuration	Pin	Signal	Cable Colour
	1	LED +	Red
	2	N.C	-
	3	LED -	White

Additional Information	
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	SD, ST, ANG, LC, SDA, SDP series
CE Conformity	YES
RoHS Compliance	YES

Application	
Illumination Type	Backlight Illumination
Application Use	Lead frame inspection, shape recognition, size measurement

ILLUMINATOR DATA

LT3PVZL80X80-00-X-IR850-24V

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