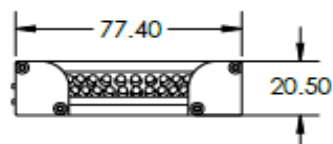
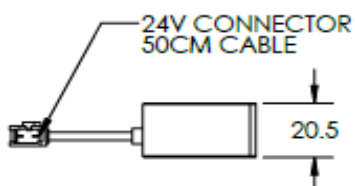
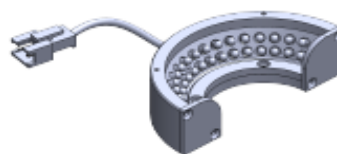
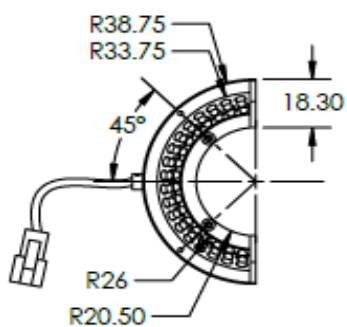


LLAC-60-070-2-W-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	0 - 45 °C
Storage Humidity Range	20 - 85 %
Weight	45g
Length / Outer Diameter	38.75mm
Width / Inner Diameter	20.5mm
Thickness / Height	20.5mm



TMS LITE SDN BHD

(Company Registration No : 200401033463 / 671971-V)

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Tel : +604-646 8428 Fax : +604-646 3428

Email : sales@tms-lite.com | support@tms-lite.com



LLAC-60-070-2-W-24V

Lighting Information																													
Part Number	LLAC-60-070-2-W-24V																												
LED Color	WHITE																												
Wavelength	*refer to chromacity table																												
Working Distance	15mm			20mm			25mm																						
Intensity (±15%)	TBA			TBA			TBA																						
Illumination (number of row)	2																												
Illumination Active Area	Active Length / Outer Dia.			33.75mm																									
	Active Width / Inner Dia.			26mm																									
Emission angle	60																												
Eye Safety Class (IEC62471)	EXEMPT																												
Chromaticity Table For White colour only	<table><tr><td>X</td><td>0.296</td><td>0.287</td><td>0.307</td><td>0.311</td></tr><tr><td>Y</td><td>0.276</td><td>0.295</td><td>0.315</td><td>0.294</td></tr></table>						X	0.296	0.287	0.307	0.311	Y	0.276	0.295	0.315	0.294	<table><tr><td>X</td><td>0.311</td><td>0.307</td><td>0.33</td><td>0.33</td></tr><tr><td>Y</td><td>0.294</td><td>0.315</td><td>0.339</td><td>0.318</td></tr></table>			X	0.311	0.307	0.33	0.33	Y	0.294	0.315	0.339	0.318
	X	0.296	0.287	0.307	0.311																								
Y	0.276	0.295	0.315	0.294																									
X	0.311	0.307	0.33	0.33																									
Y	0.294	0.315	0.339	0.318																									

Electrical Information	
LED Color	WHITE
Rated Constant Voltage	24V
Rated Constant Current	97.5mA
Power Consumption	2.34W
Casing temperature, After 60 minutes operation	TBA

Strobe Mode Specification	
**Normal Strobe Voltage	24 V
LED Color	WHITE
**Normal Strobe Current	97.5mA
Overdrive Voltage Range	Min: 36V Max: 48V
Overdrive Current Range	Min: 146.25mA Max: 195mA
Recommended Overdrive Voltage	36 V
***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. Failure in following this may results in damaging the lighting.



TMS LITE SDN BHD

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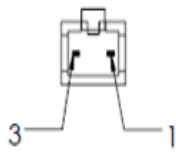
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LLAC-60-070-2-W-24V

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
	4		
	5		
 			

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
Reach	No
BIS	No
UKCA	No

Application	
Illumination Type	Half Circle Illumination
Application Use	Edge Detection, Scratch on Metal and Glossy Surface



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LLAC-60-070-2-W-24V

Lighting Pattern																																																
LED Color	WHITE																																															
Working Distance																																																
Display and Image																																																
Data Results	<table><tr><td>Horizontal</td><td>Meas.(mm)</td><td>Vertical</td><td>Meas.(mm)</td></tr><tr><td>90%</td><td></td><td>90%</td><td></td></tr><tr><td>80%</td><td></td><td>80%</td><td></td></tr><tr><td>70%</td><td></td><td>70%</td><td></td></tr><tr><td>60%</td><td></td><td>60%</td><td></td></tr><tr><td>50%</td><td></td><td>50%</td><td></td></tr><tr><td>40%</td><td></td><td>40%</td><td></td></tr><tr><td>30%</td><td></td><td>30%</td><td></td></tr><tr><td>20%</td><td></td><td>20%</td><td></td></tr><tr><td>10%</td><td></td><td>10%</td><td></td></tr></table> <table><tr><td>Max</td><td>Meas.(cd/m2)</td></tr><tr><td></td><td></td></tr></table>				Horizontal	Meas.(mm)	Vertical	Meas.(mm)	90%		90%		80%		80%		70%		70%		60%		60%		50%		50%		40%		40%		30%		30%		20%		20%		10%		10%		Max	Meas.(cd/m2)		
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