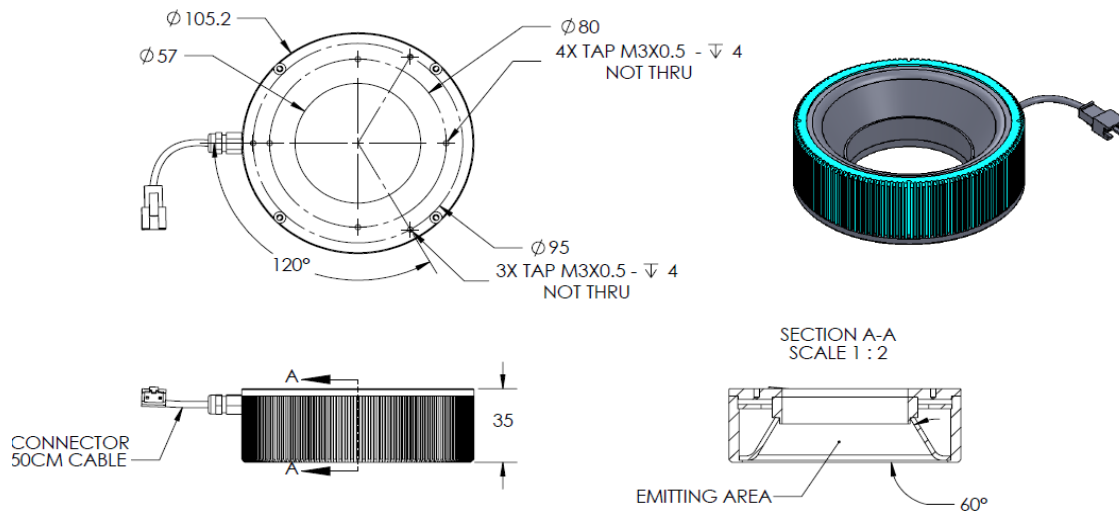




ILLUMINATOR DATA-ID

DLR3-60-100-1-G-24V

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	205 g
Length / Outer Diameter	105.2 mm
Width / Inner Diameter	57 mm
Thickness / Height	35 mm



ILLUMINATOR DATA-ID

DLR3-60-100-1-G-24V

Optical Information	
Part Number	DLR3-60-100-1-G-24V
LED Color	GREEN
Wavelength	(nm) 525
Intensity (±15%)	(Lux) TBA TBA TBA
Working Distance	(mm) 5 10 19
Illumination (number of row)	1
Illumination Active Area	
Active Length / Outer Diameter	(mm) 93.2
Active Width / Inner Diameter	(mm) 59
Emission angle	(deg.) 60
Eye Safety Class (IEC62471)	EXEMPT
Electrical Information	
Lighting Supply Voltage (constant voltage mode)	24V ± 2%
Continuous Current	(mA) 270
Power Consumption	(W) 6.48
Lighting casing temperature, Operating after 60 minutes	°C 53
Strobe Mode Specification	
Pulse Operation	YES
Max. Lighting Supply Voltage (Constant voltage power supply)	(V) Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA) 810
Max. Trigger Pulse Duration	(msec) 10
Duty Cycle	0-10%
Additional Information	
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	ANG, ST, SD and SDA Series
CE Conformity	YES
RoHS Compliance	YES
Connection	
Connector Type (Default):	JST SMR-03V
Cable Length out from lighting :	(mm) 500
Pin Configuration :	Pin Signal Cable Color
	1 LED + RED
	2 N.C. ---
	3 LED - WHITE
	
Application	
Illumination Type	Diffused Illumination
Application Use	Character recognition on shining surface, lead inspection



ILLUMINATOR DATA-ID

DLR3-60-100-1-G-24V

Uniform Graph (Relative Irradiation Strength) - Representative pattern

WD	Tolerance	Diameter
10.5mm	10%	18mm
10.5mm	20%	44mm
10.5mm	30%	58mm

