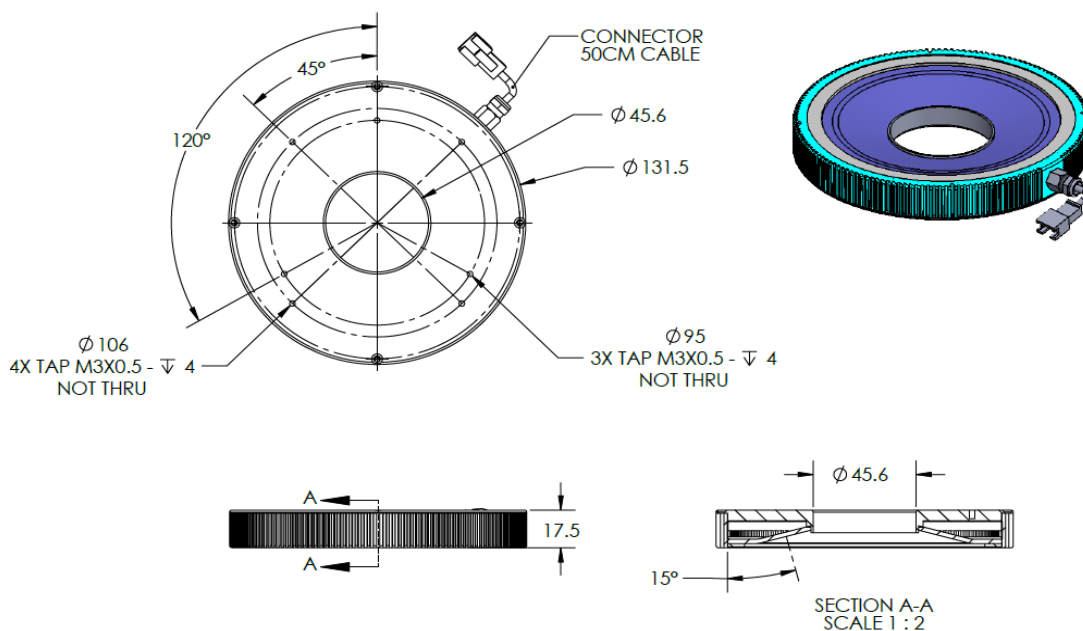




# ILLUMINATOR DATA-ID

## DFR4-15-130-1-R-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	210 g
Length / Outer Diameter	131.5 mm
Width / Inner Diameter	45.6 mm
Thickness / Height	17.5 mm



# ILLUMINATOR DATA-ID

## DFR4-15-130-1-R-24V

<b>Optical Information</b>			
Part Number		DFR4-15-130-1-R-24V	
LED Color		RED	
Wavelength	(nm)	650	
Intensity (±15%)	(Lux)	3530	
Working Distance	(mm)	65	
Illumination (number of row)		1	
Illumination Active Area			
Active Length / Outer Diameter	(mm)	121.3	
Active Width / Inner Diameter	(mm)	47.6	
Emission angle	(deg.)	15	
Eye Safety Class ( IEC62471 )		EXEMPT	
<b>Electrical Information</b>			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	300	
Power Consumption	(W)	7.2	
Lighting casing temperature, Operating after 60 minutes	°C	53	
<b>Strobe Mode Specification</b>			
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)	900	
Max. Trigger Pulse Duration	(msec)	10	
Duty Cycle		0-10%	
<b>Additional Information</b>			
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	
<b>Connection</b>			
Connector Type (Default):		JST SMR-03V	
Cable Length out from lighting :	(mm)	500	
Pin Configuration :		Pin	Signal
		1	LED +
		2	N.C.
		3	LED -
			Cable Color
			RED
			---
			WHITE
			
<b>Application</b>			
Illumination Type		Diffused Illumination	
Application Use		Printed character on IC chips, PCB component, printing on caps, and wafer OCR inspection.	



# ILLUMINATOR DATA-ID

**DFR4-15-130-1-R-24V**

Uniform Graph ( Relative Irradiation Strength) - Representative pattern

WD	Tolerance	Diameter
121mm	10%	-
121mm	20%	42mm
121mm	30%	51mm

