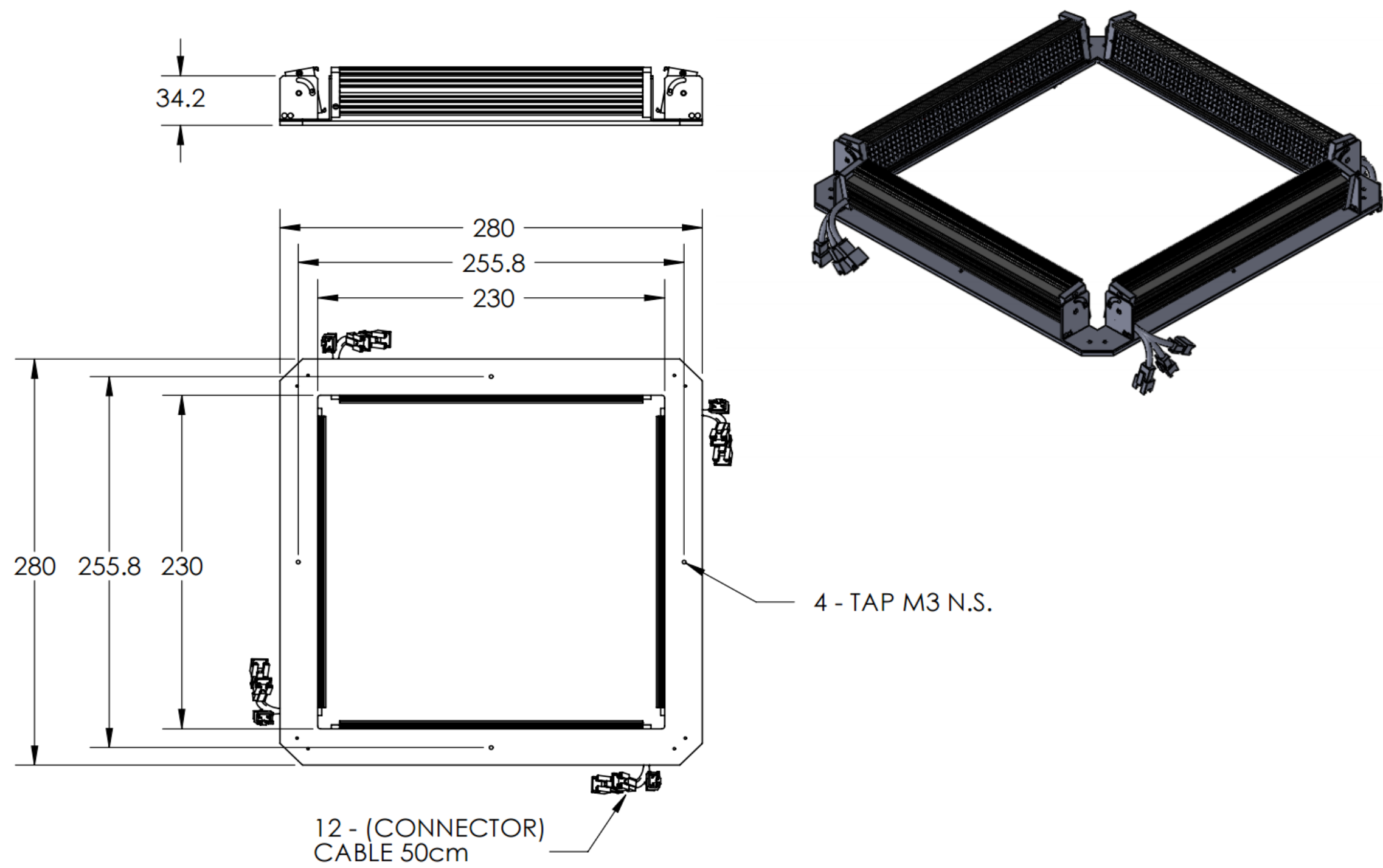




# ILLUMINATOR DATA-ID

## LBRQ-00-200-6-RGB-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	210 g
Length / Outer Diameter	280 mm
Width / Inner Diameter	230 mm
Thickness / Height	34.2 mm



# ILLUMINATOR DATA-ID

## LBRQ-00-200-6-RGB-24V

Optical Information										
Part Number		LBRQ-00-200-6-RGB-24V								
LED Color		RED				GREEN			BLUE	
Wavelength	(nm)	630				525			470	
Intensity (±15%)	(Lux)	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Working Distance	(mm)	357	368	379	357	368	379	357	368	379
Illumination (number of row)		6								
Illumination Active Area										
Active Length / Outer Diameter	(mm)	280								
Active Width / Inner Diameter	(mm)	230								
Emission angle	(deg.)	0								
Eye Safety Class ( IEC62471 )		EXEMPT				EXEMPT			II	
Electrical Information										
Lighting Supply Voltage (constant voltage mode)		24V ± 2%								
Continuous Current	(mA)	RED	2000		GREEN	1600		BLUE	1800	
Power Consumption	(W)		48			38.4			43.2	
Lighting casing temperature, Operating after 60 minutes	°C		51.5			51.5			51.5	
Max. continous current of RED, GREEN & BLUE LEDs on at the same time	(mA)	RED, GREEN & BLUE LEDs on at the same time are not recommended								
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)	RED	6000		GREEN	4800		BLUE	5400	
Max. pulse current of RED, GREEN & BLUE LEDs on at the same time	(V)	RED, GREEN & BLUE LEDs on at the same time are not recommended								
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, SD, ST & 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		Direct Illumination								
Applicattion Use		General illumination, label inspection, character inspection, code recognition.								