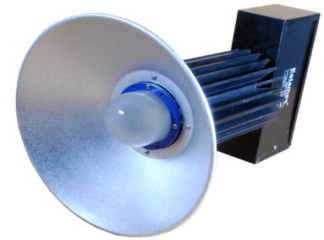


MODEL NAME

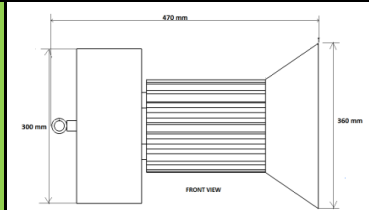
**EELS 120W COB HB**

Characteristic		Parameters	
MECHANICAL SPECIFICATION	Fixture Housing	Extruded Aluminium Housing (Heatsink)	
	Fixture Dimension	470 mm X 360 mm X 300 mm	
	Diffuser Closure	Diffused glass lens is provided on COB LED	
	Weight	6.130 Kg	
	IP Standard	IP65	
LUMINARIES	Total Wattage	120 Watts	
	Initial Lumen	13800 Lumen	
	Luminaire Efficacy (Lm/Watt)	115 Lm/W	
	Life	50,000 Burning Hours	
	Starting Time	Rapid (0.2 sec)	
	Operating Temperature	From -20° to +60° C	
LED DRIVER	Type of Driver	Constant Current (CC)	
	Input Voltage Range	100 VAC ~ 305 VAC	
	Frequency Range	50 Hz	
	Power factor	> 0.98	
	Total Harmonic Distortion	< 10 %	
	Surge Protection	6 Kv	
	Protection	Thermal Protection, Output Short Circuit Protection, Over Load Protection, Surge Protection, Over Voltage Protection	
LED LAMP	Light Source	COB LED	
	Lamp Efficacy	> 150 Lm/W	
	Colour Temperature	3000 K - 6500 K	
	CRI	> 80	
	Certification/Report	LM80 / Photo Bio.Test	
	Identification Feature	Unique Serial No.Printed on each Lamp	
OPTICS	Beam Angle	90°	
	Optics Type	Diffused Glass Lens	
	MOC of Optics	Diffused Borosilicate Glass	

PRODUCT IMAGE



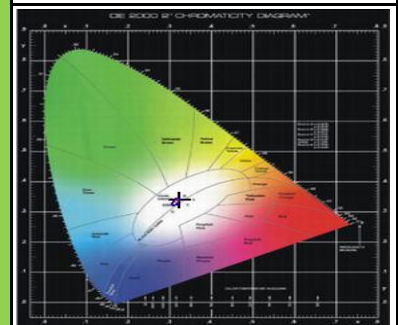
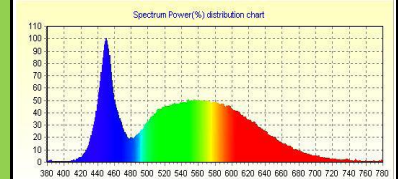
SCHEMATIC IMAGE



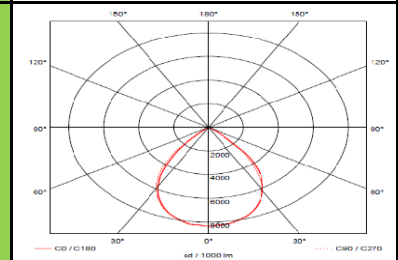
THERMAL IMAGE



LED SPECTRUM



LIGHT DISTRIBUTION



APPLICATION

The luminaires can be used for lighting of indoor high bay applications in all type of industries

