



Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET



MODEL NAME

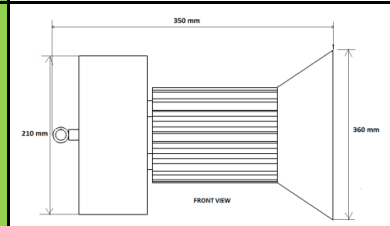
EELS 60W COB HB

Characteristic		Parameters	
MECHANICAL SPECIFICATION	Fixture Housing	Extruded Aluminium Housing (Heatsink)	
	Fixture Dimension	410 mm X 360 mm X 210 mm	
	Diffuser Closure	Borosilicate glass lens is provided on COB LED	
	Weight	2.740 Kg	
	IP Standard	IP65	
LUMINARIES	Total Wattage	60 Watts	
	Initial Lumen	7200 Lumen	
	Luminaire Efficacy (Lm/Watt)	120 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	150 VAC ~ 265 VAC	
	Frequency Range	50 Hz	
	Power factor	> 0.98	
	Total Harmonic Distortion	< 10 %	
	Surge Protection	3.75 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	60°/ 90°/ 120°	
	Optics Type	Glass Lens	
	MOC of Optics	Clear Borosilicate Glass	

PRODUCT IMAGE



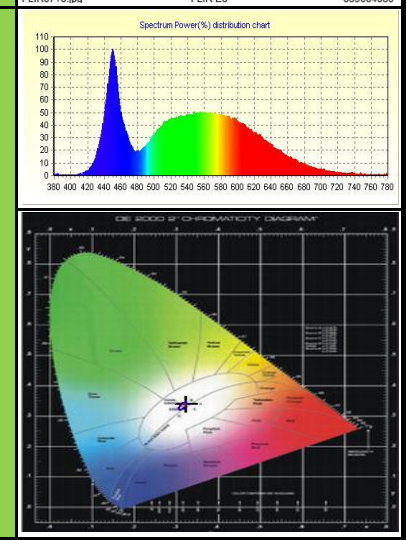
SCHEMATIC IMAGE



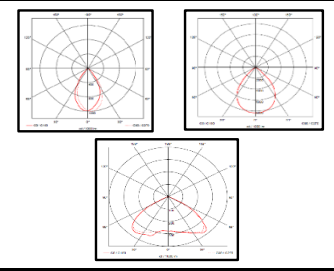
THERMAL IMAGE



LED SPECTRUM



LIGHT DISTRIBUTION



APPLICATION

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

