



Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET



MODEL NAME

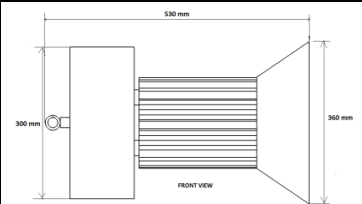
EELS 150W COB HB

Characteristic		Parameters	
MECHANICAL SPECIFICATION	Fixture Housing	Fitting housing in Aluminium Extrusion	
	Fixture Dimension	530 mm X 360 mm X 300 mm	
	Diffuser Closure	Borosilicate glass lens is provided on COB LED	
	Weight	7.250 Kg	
	IP Standard	IP65	
LUMINARIES	Total Wattage	150 Watts	
	Initial Lumen	18000 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	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	
OPTICS	Optics Type	Glass Lens	
	MOC of Optics	Clear Borosilicate Glass	
	Identification Feature	Unique Serial No. Printed on each Lamp	
Beam Angle	60°-90°-120°		
APPLICATION	The luminaires can be used for lighting of indoor high bay applications in all type of industries		

PRODUCT IMAGE



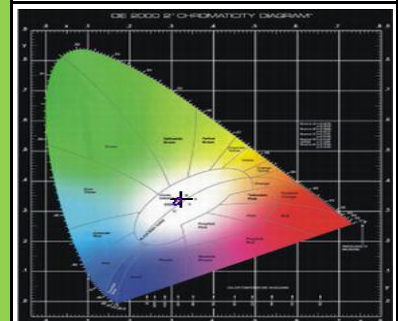
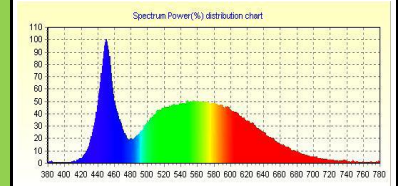
SCHEMATIC IMAGE



THERMAL IMAGE



LED SPECTRUM



LIGHT DISTRIBUTION

