Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET

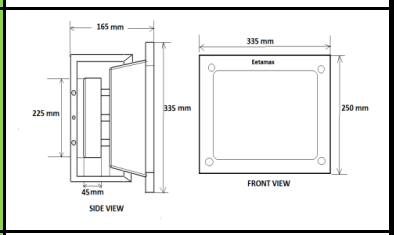
ISO 9001:2015

MODEL NAME	EELS 120W ML FL with SPD

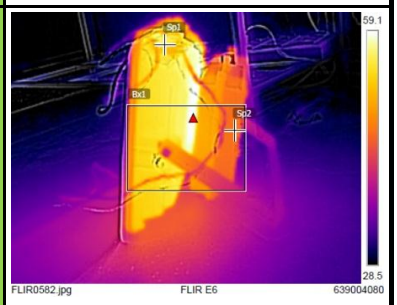
	Characteristic	Parameters
MECHANICAL SPECIFICATION	Fixture Housing	Fitting housing in Aluminium Die Casting
	Fixture Dimension	335 mm X 250 mm X 165 mm
	Diffuser Closure	Toughened Glass
	Weight	6.650 Kg
	IP Standard	IP65
LUMINARIES	Total Wattage	80 Watts
	Initial Lumen	9600 Lumen
	Luminaire Efficacy (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	Surge Protection, Output Short Circuit Protection, Over Load Protection, Over Voltage Protection
LED LAMP	Light Source	SMD LED
	Lamp Efficacy	> 150 Lm/W
	Colour Temperature	3000 K - 6500 K
	CRI	> 70
	Certification/Report	LM80 / Photo Bio.Test
	Identification Feature	Unique Serial No.Printed on each Lamp
	Beam Angle	60° / 90°
OPTICS	Optics Type	N.A.
	MOC of Optics	N.A.

PRODUCT IMAGE

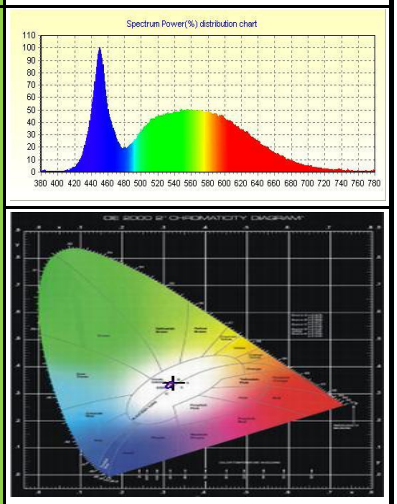
SCHEMATIC IMAGE



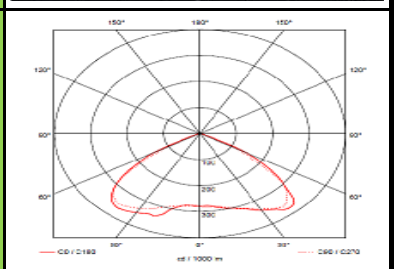
THERMAL IMAGE



LED SPECTRUM



LIGHT DISTRIBUTION



APPLICATION	Small/Medium Open Areas, Architectural & Building Façade Lighting, Security Lighting, Lighting of Industrial & External Storage Areas, Industrial Outdoor Areas, Ports & Container Terminals, etc.

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