Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET

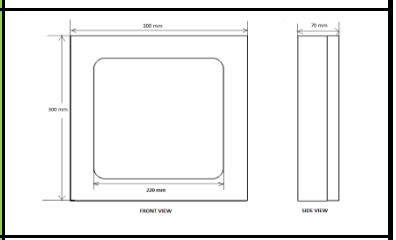
ISO 9001:2015

MODEL NAME	EELS 20W 1X1 Surface PNL

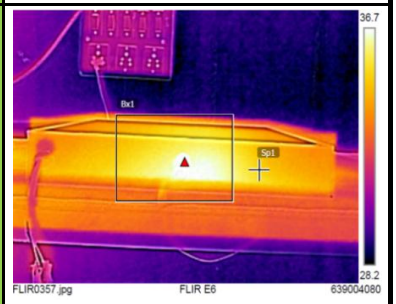
	Characteristic	Parameters
MECHANICAL SPECIFICATION	Fixture Housing	Fitting Housing in Sheet Steel with Powder Coating
	Fixture Dimension	300 mm X 300 mm X 70 mm
	Diffuser Closure	Milky Diffuser
	Weight	1.640 Kg
	IP Standard	IP40
LUMINARIES	Total Wattage	20 Watts
	Initial Lumen	2200 Lumen
	Luminaire Efficacy (Lm/Watt)	110 Lm/W
	Life	50,000 Burning Hours
	Starting Time	Rapid (0.2 sec)
	Operating Temperature	From 0° 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	> 80
	Certification/Report	LM80 / Photo Bio.Test
	Identification Feature	Unique Serial No.Printed on each Lamp
	Beam Angle	120°
OPTICS	Optics Type	Polystyrene Cover for Glare-Free Wide Light Distribution.
	MOC of Optics	Polystyrene Cover

PRODUCT IMAGE

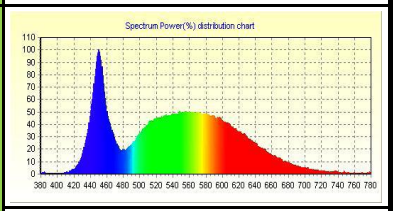
SCHEMATIC IMAGE

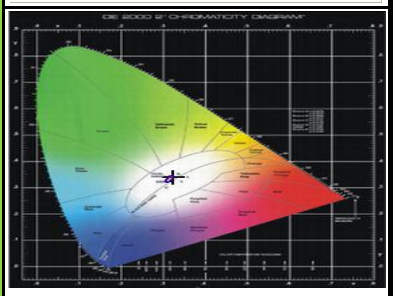


THERMAL IMAGE

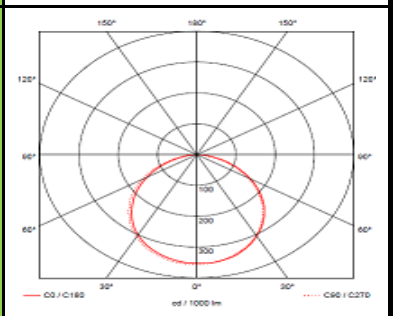


LED SPECTRUM





LIGHT DISTRIBUTION



APPLICATION	The luminary can be used for lighting in Offices, Commercial Showrooms, Hotels, Institutes etc

IP40