

Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET





MODEL NAME			EELS 100W ML SL with lens + SPD		
Characteristic			Parameters		
MECHANICAL SPECIFICATION	Fixture Housing Fixture Dimension		Pressure Die Cast Aluminium, with Side Contour, Closed Appearance, Highly Weather Resistance, Powder-coated. Toughened Glass Safety Cover is also provided.	PRODUCT IMAGE	
	Pipe ID		54 mm		
	Diffuser Closure		Toughened Glass	AGE	— 260 mm →µsk—
	Weight		5.270 Kg		
	IP Standard		IP65	SCHEMATIC IMAGE	270 mm
LUMINARIES	Total Wattage		100 Watts		
	Initial Lumen		12000 Lumen		80 mm
	Luminaire Efficacy	(Lm/Watt)	120 Lm/W	0,	SIDE VIEW FRONT VIEW
	Life		50,000 Burning Hours	THERMAL IMAGE	56.2
	Starting Time		Rapid (0.2 sec)		\$92
	Operating Temper	rature	From -20° to +60° C		The state of the s
LED DRIVER	Type of Driver		Constant Current (CC)		+
	Input Voltage Ran	ge	150 VAC ~ 265 VAC		i S
	Frequency Range		50 Hz		29.7 FLIR0216.jpg FLIR E6 639004080
	Power factor		> 0.98		Spectrum Power(%) distribution chart
	Total Harmonic Di	stortion	< 10 %	LED SPECTRUM	80 70 80 50
	Surge Protection		3.75 Kv		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Protection		Surge Protection, Output Short Circuit Protection, Over Load Protection, Over Voltage Protection		380 400 420 440 480 480 500 520 540 550 580 800 520 640 880 880 700 720 740 780 780
LED LAMP	Light Source		SMD LED	LED	
	Lamp Efficacy		> 150 Lm/W		
	Colour Temperature		3000 K - 6500 K		
	CRI		> 70		
	Certification/Report		LM80 / Photo Bio.Test	NO	150' 160' 150'
	Identification Feat	ture	Unique Serial No.Printed on each Lamp	LIGHT DISTRIBUTION	1200
	Beam Angle		95° X 145°		
OPTICS	Optics Type		PC/PMMA lens		60" 00"
O	MOC of Optics		PC/PMMA		— CD / C180 35" 0" 30" C90 / C270 ed / 1030 lies

APPLICATION

The luminaries can be used for lighting of important roadways, secondary roads, roads in industrial & residential areas etc











