

## **Eetamax Energy Efficient Lighting Systems**

## PRODUCT TECHNICAL DATASHEET





MODEL NAME			EELS 120W 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.  530 mm X 260 mm	PRODUCT IMAGE	
	Pipe ID		54 mm	<u> </u>	
	Diffuser Closure		Toughened Glass		260 mm
	Weight		5.270 Kg	냺	
	IP Standard		IP65	SCHEMATIC IMAGE	270 mm
LUMINARIES	Total Wattage		120 Watts	EM/	o affinanannanfina o
	Initial Lumen		14400 Lumen	SCF	80 mm
	Luminaire Efficacy (Lm/Watt)		120 Lm/W		SIDE VIEW FRONT VIEW
	Life		50,000 Burning Hours	THERMAL IMAGE	bd Bd
	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 Power factor		50 Hz		26.0 FLIR0590.jpg FLIR E6 639004080 Spectrum Power(%) distribution chart
	Total Harmonic Distortion		> 0.98 < 10 %	LED SPECTRUM	110
	Surge Protection		6 Kv		70 60 50 40
	Juige Protection		Surge Protection, Output Short		20 10 380 400 420 440 480 480 500 520 540 560 560 600 620 640 660 660 700 720 740 760 780
	Protection		Circuit Protection, Over Load Protection, Over Voltage Protection		30 40 40 40 40 40 50 50 50 50 50 50 50 50 50 50 50 50 50
ГЕD LAMP	Light Source		SMD LED	red	
	Lamp Efficacy		> 150 Lm/W		
	Colour Temperature		3000 K - 6500 K		
	CRI		> 70		
	Certification/Report		LM80 / Photo Bio.Test	LIGHT DISTRIBUTION	150" 150" 150"
	Identification Feature		Unique Serial No.Printed on each Lamp		120
	Beam Angle		95° X 145°		**
OPTICS	Optics Type		PC/PMMA lens		60' 555 60'
	MOC of Optics		PC/PMMA		CD / C180 30" 0" 30" C90 / C270
APPLICATION The luminaries can be used for lighting of important roadways, secondary roads, roads in					

industrial & residential areas etc

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