
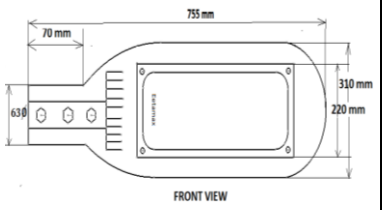
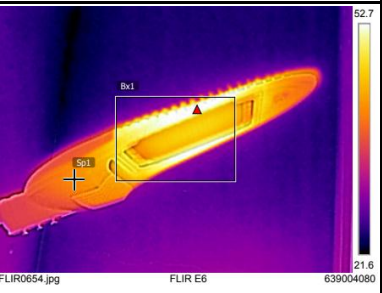
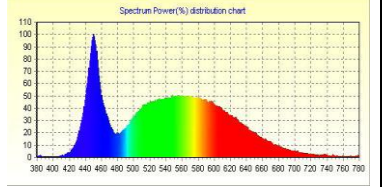
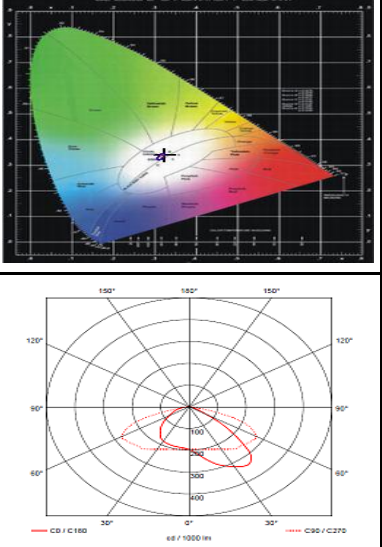


**MODEL NAME**
**EELS 180W ML SL with lens + SPD**

Characteristic		Parameters		
<b>MECHANICAL SPECIFICATION</b>	Fixture Housing	Pressure Die Cast Aluminium, with Side Contour, Closed Appearance, Highly Weather Resistance, Powder-coated. Toughened Glass Safety Cover is also provided.	<b>PRODUCT IMAGE</b>	
	Fixture Dimension	755 mm X 310 mm		
	Pipe ID	66 mm		
	Diffuser Closure	Toughened Glass		
	Weight	6.650 Kg		
	IP Standard	IP65		
<b>LUMINARIES</b>	Total Wattage	180 Watts	<b>SCHEMATIC IMAGE</b>	
	Initial Lumen	21600 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		
<b>LED DRIVER</b>	Type of Driver	Constant Current (CC)	<b>THERMAL IMAGE</b>	
	Input Voltage Range	100 VAC ~ 305 VAC		
	Frequency Range	50 Hz		
	Power factor	> 0.98		
	Total Harmonic Distortion	< 10 %		
	Surge Protection	6 Kv		
	Protection	Surge Protection, Output Short Circuit Protection, Over Load Protection, Over Voltage Protection		
<b>LED LAMP</b>	Light Source	SMD LED	<b>LED SPECTRUM</b>	
	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		
<b>OPTICS</b>	Beam Angle	95° X 145°	<b>LIGHT DISTRIBUTION</b>	
	Optics Type	PC/PMMA lens		
	MOC of Optics	PC/PMMA		

**APPLICATION**

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

