

Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET





MODEL NAME		EELS 40W COB SL with lens			
Characteristic			Parameters		
MECHANICAL SPECIFICATION	Fixture Housing		Pressure Die Cast Aluminium, with Side Contour,Closed Appearance, Highly Weather Resistance, Powder-coated.	PRODUCT IMAGE	
	Fixture Dimension		400 mm X 175 mm	PRC	
	Pipe ID		42 mm		
	Diffuser Closure		Borosilicate Glass Lens	SCHEMATIC IMAGE	400 mm
	Weight		1.250 Kg		
	IP Standard		IP65		
LUMINARIES	Total Wattage		40 Watts	:MAT	
	Initial Lumen		4800 Lumen	SCHE	90 mm
	Luminaire Efficacy	(Lm/Watt)	120 Lm/W		FRONT VIEW
	Life		50,000 Burning Hours		47.4
	Starting Time		Rapid (0.2 sec)	AGE	
	Operating Temper	rature	From -20° to +60° C	<u> </u> -	
LED DRIVER	Type of Driver		Constant Current (CC)	THERMALIMAGE	A
	Input Voltage Range		150 VAC ~ 265 VAC		FLIR0708.jpg FLIRE6 639004080
	Frequency Range		50 Hz		
	Power factor		> 0.98	LED SPECTRUM	Spectrum Power (%) distribution cheet 110 100 50 100 100 100 100 100 100 100
	Total Harmonic Distortion		< 10 %		
	Surge Protection		3.75 Kv		
	Protection		Surge Protection, Output Short Circuit Protection, Over Load Protection, Over Voltage Protection		300 400 420 440 460 460 500 510 540 560 500 600 620 640 660 660 700 720 740 760 760
LED LAMP	Light Source		COB LED	<u> </u>	
	Lamp Efficacy		> 150 Lm/W		
	Colour Temperature		3000 K - 6500 K		
	CRI		> 80		150' 150' 150'
	Certification/Report Identification Feature		LM80 / Photo Bio.Test Unique Serial No.Printed on each Lamp	LIGHT DISTRIBUTION	120
	Beam Angle		90° / 120°	ISTR	
OPTICS	Optics Type		Glass lens	HTD	60"
OPT	MOC of Optics		Borosilicate Glass Lens	DII	CDJ C180 30" 0" 30" C90 / C270
The luminaries can be used for lighting of important roadways, secondary roads, roads in industrial & residential areas etc					

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