

## **Eetamax Energy Efficient Lighting Systems**

## PRODUCT TECHNICAL DATASHEET



MODEL NAME		EELS 100W ML HB with lens			
Characteristic			Parameters		
MECHANICAL SPECIFICATION	Fixture Housing		Pressure Die-Cast Aluminium Housing (Heatsink)	IAGE	
	Fixture Dimension	1	376 mm X 230 mm	PRODUCT IMAGE	
	Diffuser Closure		Toughened Glass	PROD	The state of the s
	Weight		6.650 Kg		
	IP Standard		IP65	SCHEMATIC IMAGE	215 mm Q
LUMINARIES	Total Wattage		100 Watts		
	Initial Lumen		12000 Lumen	LWI3	520 mm
	Luminaire Efficacy	(Lm/Watt)	120 Lm/W	SCHE	9.376 mm
	Life		50,000 Burning Hours	THERMAL IMAGE	57.0 57.0 FLIR E6 639004080
	Starting Time		Rapid (0.2 sec)		
	Operating Temperature		From -20° 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	LED SPECTRUM	Spottus Power(%) delibudion chart 110 90 90 90 90 90 90 90 90 90 90 90 90 90
	Total Harmonic Distortion		< 10 %		
	Surge Protection		3.75 Kv		
	Protection		Surge Protection, Output Short Circuit Protection, Over Load Protection, Over Voltage Protection		900 400 420 440 480 480 500 520 540 560 500 620 640 650 680 700 720 740 700 700
LED LAMP	Light Source		SMD LED	191	
	Lamp Efficacy		> 150 Lm/W		
	Colour Temperature		3000 K - 6500 K		
	CRI		> 80		
	Certification/Report		LM80 / Photo Bio.Test	LIGHT DISTRIBUTION	150" 150" 150"
	Identification Feature		Unique Serial No.Printed on each Lamp		120*
	Beam Angle		90°	ISTRI	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
OPTICS	Optics Type		PC/PMMA lens	HTD	
OPT	MOC of Optics		PC/PMMA	BII	— C0 / C180 30° 0° 30° C60 / C270
APPLICATION The luminaries can be used for lighting of indoor high bay applications in all type of industries					

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