



Eetamax Energy Efficient Lighting Systems

PRODUCT TECHNICAL DATASHEET



MODEL NAME

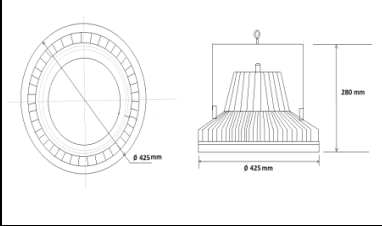
EELS 200W ML HB with lens

| Characteristic | | Parameters | |
|--------------------------|------------------------------|--|--|
| MECHANICAL SPECIFICATION | Fixture Housing | Pressure Die-Cast Aluminium Housing (Heatsink) | |
| | Fixture Dimension | 425 mm X 280 mm | |
| | Diffuser Closure | Toughened Glass | |
| | Weight | 6.650 Kg | |
| | IP Standard | IP65 | |
| LUMINARIES | Total Wattage | 200 Watts | |
| | Initial Lumen | 24000 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 | |
| LED DRIVER | Type of Driver | Constant Current (CC) | |
| | Input Voltage Range | 150 VAC ~ 265 VAC | |
| | Frequency Range | 50 Hz | |
| | Power factor | > 0.98 | |
| | Total Harmonic Distortion | < 10 % | |
| | Surge Protection | 3.75 Kv | |
| | Protection | Surge Protection, Output Short Circuit Protection, Over Load Protection, Over Voltage Protection | |
| LED LAMP | Light Source | SMD LED | |
| | Lamp Efficacy | > 150 Lm/W | |
| | Colour Temperature | 3000 K - 6500 K | |
| | CRI | > 80 | |
| | Certification/Report | LM80 / Photo Bio.Test | |
| | Identification Feature | Unique Serial No.Printed on each Lamp | |
| OPTICS | Beam Angle | 90° | |
| | Optics Type | PC/PMMA lens | |
| MOC of Optics | PC/PMMA | | |

PRODUCT IMAGE



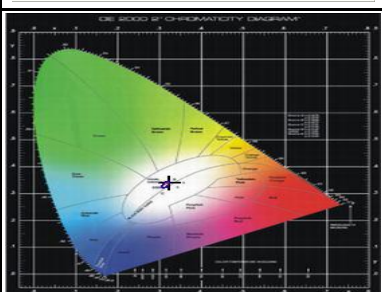
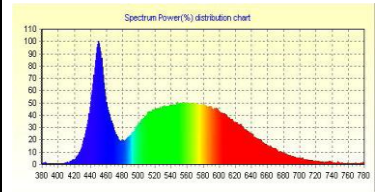
SCHEMATIC IMAGE



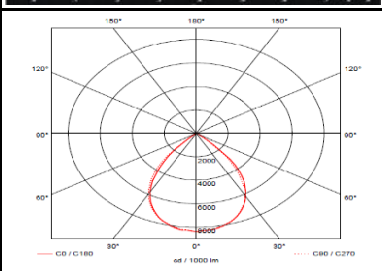
THERMAL IMAGE



LED SPECTRUM



LIGHT DISTRIBUTION



APPLICATION

The luminaires can be used for lighting of indoor high bay applications in all type of industries

