



## Maximo Highbay light - 200W

- Energy efficient lighting solution for general area lighting.
- High efficiency 9<sup>th</sup> generation LED light source.
- Unique passive cooling system, uses an increased cooling surface area to reduce the operating temperature of LEDs and Driver.
- Built in surge protection.
- Zoomable 3 in 1 selectable optics with rotation of lens for 60°/90°/120°.
- LED Driver mounted on the back side of the fixture for easy maintenance.
- UV stabilized polyester powder paint finish for durability and corrosion resistance.
- Flicker free & Instant ON.
- RoHS Compliant.
- Mercury-free.

## Applications

- Industrial lighting, warehouse lighting, stadium lighting.
- Airports, road ways, factories, warehouses and parking areas.

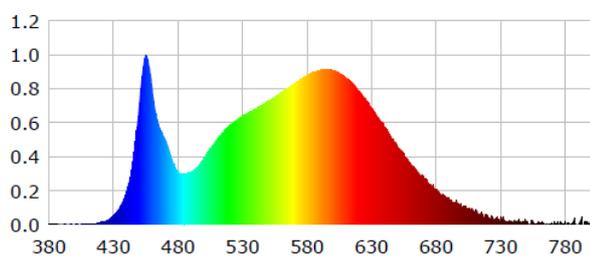
## Specifications

<b>Model No.</b>	<b>S0707-200</b>
Type	Highbay light
Light Source	SMD 2835 LED
<b>Power</b>	<b>200W</b>
<b>Power Factor</b>	<b>&gt;0.95</b>
THD	<15%
<b>Beam Angle</b>	<b>60°/90°/110° (Select by Rotation of lens)</b>
<b>CCT</b>	<b>3000K/4000K/5000K/6000K</b>
SDCM	<6
<b>IP Rating</b>	<b>IP65</b>
Material	Die cast aluminium + PC lenses
Cable length	300mm
Mounting	Suspended / Wall mount
Net weight	2500gm
Protection class	Class I

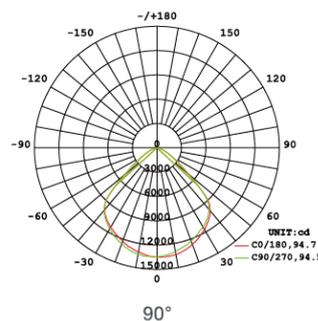
<b>Input Voltage</b>	<b>100-277 VAC</b>
Input frequency	50-60Hz
Driver	Integrated
<b>Luminous flux</b>	<b>30743LM</b>
<b>Luminous efficacy</b>	<b>155LM/W</b>
<b>Life span</b>	<b>50,000Hrs (L70)</b>
CRI	>80
Surge protection	4KV(L-L), 6KV(L-E)
Dimming	No
<b>Working Temperature</b>	<b>-25° to 55° C <sup>1</sup></b>
IK rating	IK08
Dimension	D312*H137mm
Fixture colour	Black
<b>Warranty</b>	<b>5 years</b>
Certifications	CE, RoHS, LM80, LM79 <sup>2</sup>

@ All the above information at a testing condition: - Ta=25°C

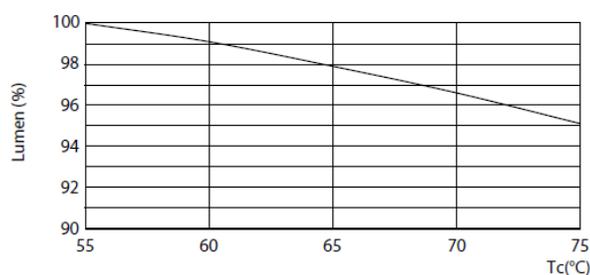
## Photometric Data



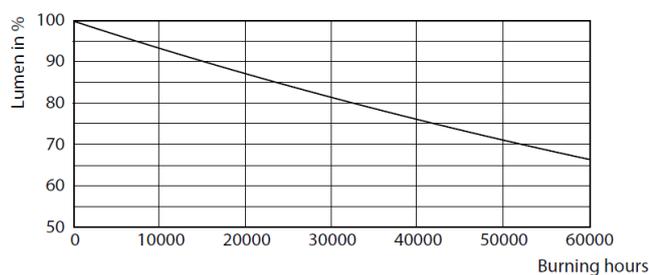
## Luminous Intensity Distribution Diagram



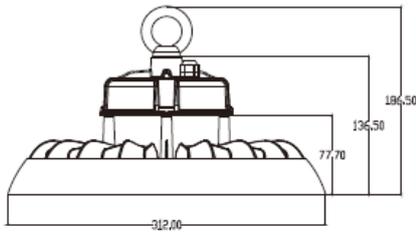
## Lumen maintenance



## Life time



## Dimensions

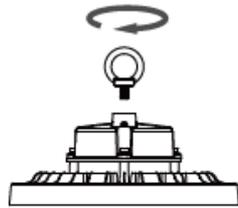


## Product Pictures

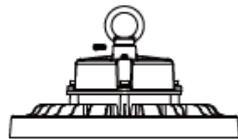


## Installations

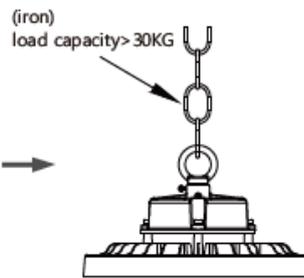
### 1-Ring mounted



① Lock ring

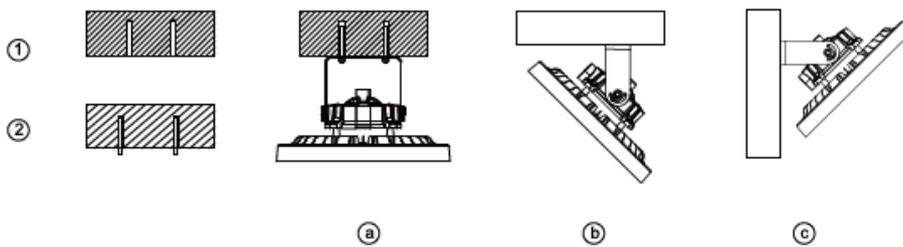


② Tighten the screw  
fix the ring



③ Hang on the hook

### 2-Bracket mounted

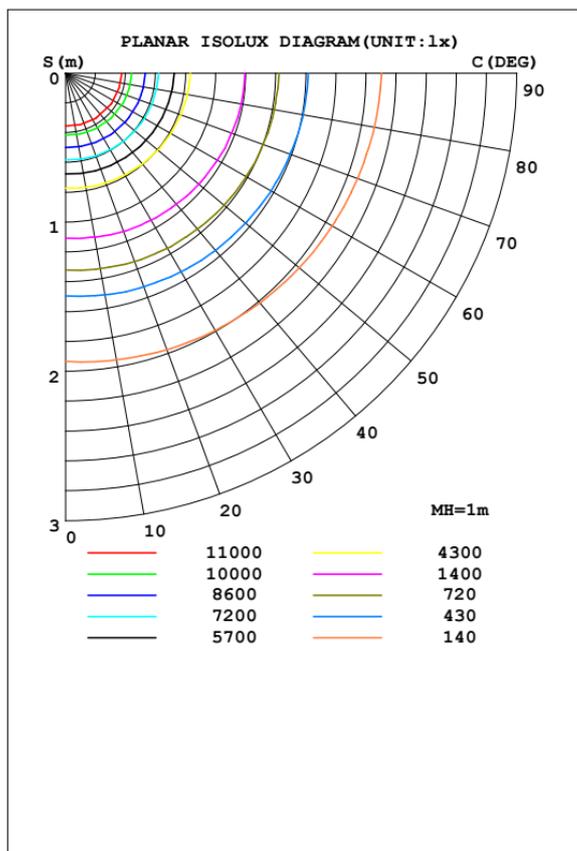
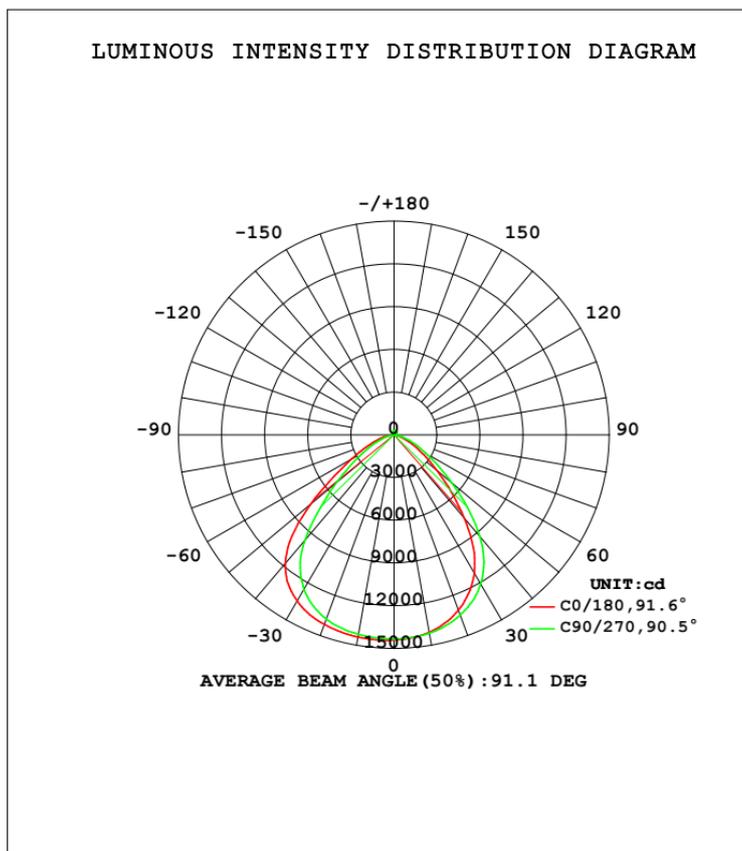


1 – Recommended to keep the ambient temperature in this limit while installing in closed spaces / fixtures  
2 – Will be provided up on request

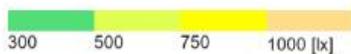
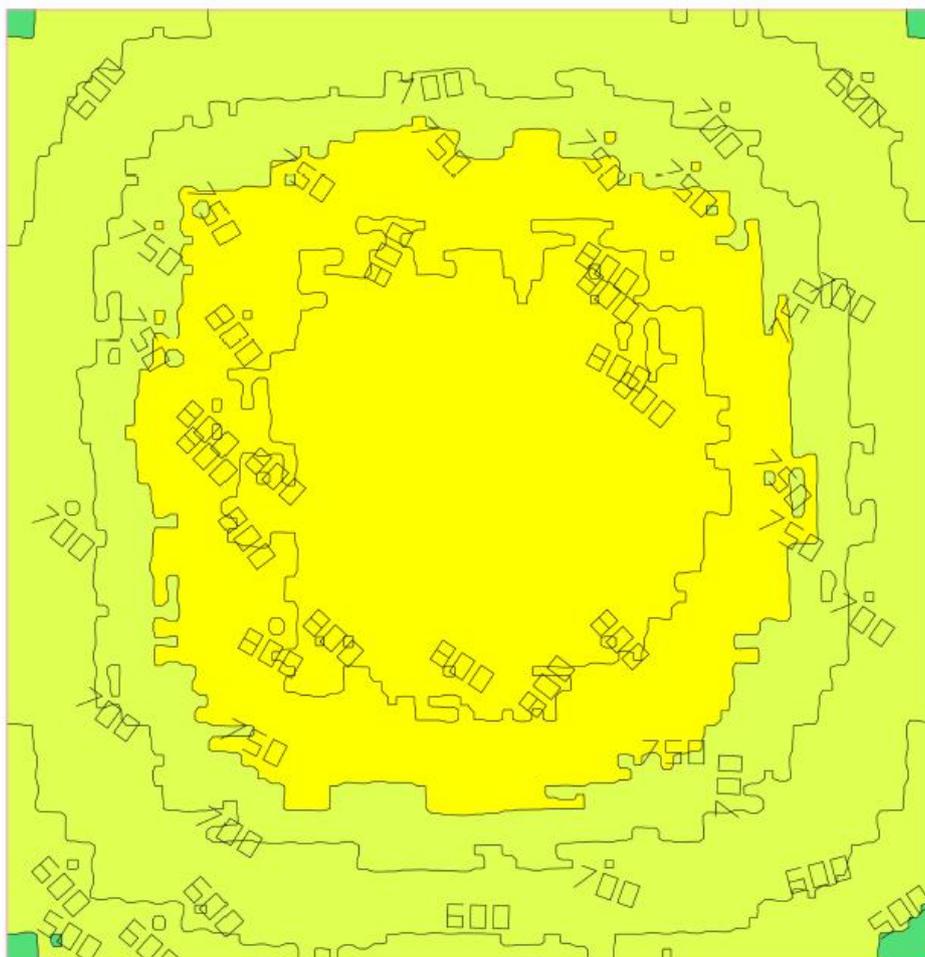
## Photometric Test Report and Dialux simulations

Test:U:220.8V I:0.9280A P:199.0W PF:0.9700 Lamp Flux:30743.6x1 lm		
NAME: Maximo HighBay Light 200W	TYPE:G	WEIGHT:
DIM.: 364X176.6MM	SPEC.:200W	SERIAL No.:001
MFR.: WST	SUR.: 0.22X0.22	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA <span style="background-color: yellow;">Eff: 154.49 lm/W</span>			
MODEL	S0707-200W-LA	Imax (cd)	14448	S/MH (C0/180)	1.16
NOMINAL POWER (W)	202	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	30744	η UP, DN (C0-180)	1.2, 44.4
NOMINAL FLUX (lm)	30743.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 53.2
LAMPS INSIDE	1	η up (%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.8	η down (%)	97.7	CIBSE SHR MAX	1.35



Dialux Simulations – Product: 200W/30746LM/6000K



Properties	$\bar{E}$ (Target)	$E_{min}$	$E_{max}$	$U_0$ ( $g_1$ ) (Target)	$g_2$
Working plane (Room 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.500 m	718 lx (≥ 500 lx) ✓	463 lx	851 lx	0.64 (≥ 0.60) ✓	0.54

Utilisation profile: DIALux presetting (34.2 Standard (office))

**Court Size: L42xW43Mtr**

