

# LED High Bay IP67 -5000K 60D

Authorized Licensee for TOSHIBA trademark



## 1. Specification:

### A. General Data

<b>Model</b>	High Bay 5000K 60D-200W	High Bay 5000K 60D-150W	High Bay 5000K 60D-100W
<b>Product Code</b>	00801760188A	00801760189A	00801760190A
<b>P/N</b>	MPS-HC506200-3T1	MPS-HC506150-3T1	MPS-HC506100-3T1
<b>Rated Voltage</b>	100-277 VAC		
<b>Frequency</b>	50~60 Hz		
<b>Rated Wattage</b>	200 W	150 W	100 W
<b>Deviation Tolerance of Rated Wattage</b>	±10 %		
<b>Power Factor (Input 230V, 50Hz)</b>	0.96(typical)	0.97(typical)	0.98(typical)
<b>Maximum Input Current (Input 230V)</b>	996mA	740mA	488mA
<b>Start On</b>	<0.5S		
<b>Dimmable</b>	NO		
<b>Beam Angle</b>	60°		
<b>UGR</b>	N/A		
<b>EI</b>	0.15	0.15	0.15
<b>Energy Class</b>	A+	A+	A+
<b>Safety requirements</b>	CE		
<b>Applicable Environments</b>	IP67 / IK08		
<b>Exchangeable LED Module</b>	NO		

**B. Light Data**

<b>Color</b>	Cool White		
<b>Color Temperature (CCT)</b>	5000K		
<b>Rated Lumen Output*</b>	22000 lm	16500 lm	11000 lm
<b>Color Rendering Index*</b>	80		
<b>Efficacy*</b>	110 lm/W	110 lm/W	110 lm/W
<b>Color Consistency**</b>	6 Step MacAdam Ellipse (6 SDCM)		

\* tolerance +/- 10% \*\* center point (0.34464, 0.35506)

**C. Lifetime**

(Supplied Voltage: AC230V; Ambient Temperature: 15°C~40°C)

<b>Lumen Maintenance Factor</b>	70% of the rated lifetime
<b>Rated Lifetime – L<sub>70</sub>B<sub>50</sub></b>	50,000 hrs
<b>Switching Cycles</b>	≥ 25,000

**D. Temperature Operation**

<b>Normal operation temperature</b>	-10°C ~ 50°C
<b>Relative Humidity</b>	10% ~ 90%

**E. Geometric Data**

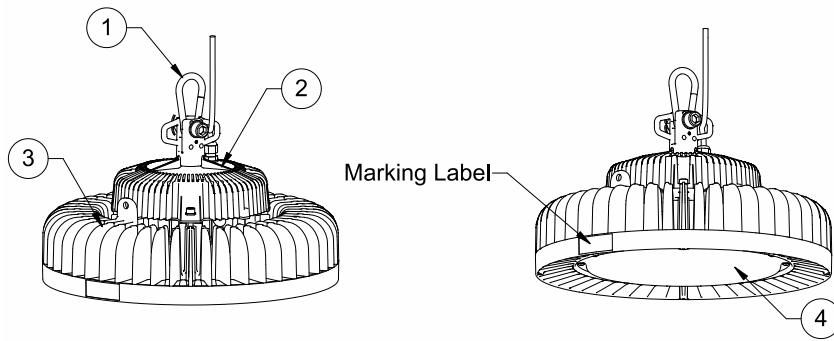
<b>Maximum length</b>	358.0 ± 5 mm	358.0 ± 5 mm	358.0 ± 5 mm
<b>Maximum width</b>	254.0 ± 4 mm	247.0 ± 4 mm	246.2 ± 4 mm
<b>Mass</b>	7400 g	6600 g	6300 g

**F. Environmental relevant materials**

<b>Mercury (Hg)</b>	Comply with RoHS Directive 2011/65/EU
<b>Lead (Pb)</b>	
<b>Cadmium(Cd)</b>	
<b>Hexavalent Chromium(Cr6+)</b>	
<b>Polybrominated Biphenyls(PBBs)</b>	
<b>Polybrominated Diphenyl Ethers(PBDEs)</b>	

## 2. Outline Drawing

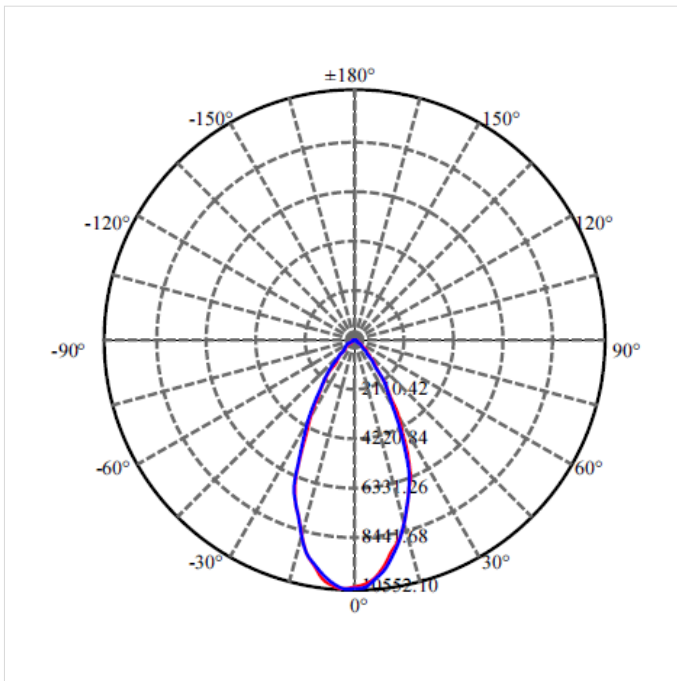
Unit : mm



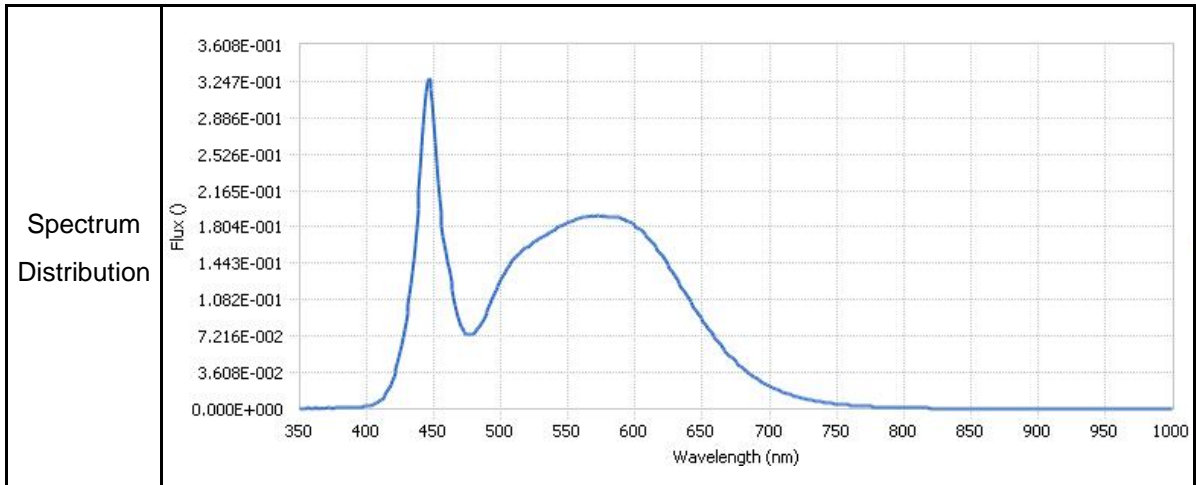
### Material Information

- |                 |           |
|-----------------|-----------|
| 1. Hook:        | Stainless |
| 2. Driver case: | Aluminum  |
| 3. Heat sink:   | Aluminum  |
| 4. Cover:       | Plastic   |

## 3. Light Distribution Curve



## 4. Spectrum Distribution



## 5. Warnings

Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

## 6. Cautions

Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space). Not intended for use with emergency light fixtures or exit lights.

## 7. Notes

All characteristics are estimated at room temperature (25°C), free air burning, base up burning position and at rated voltage. In view of the complex manufacturing process for light above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technic individual products may vary from the typical values.

## 8. Logistic information

Model	High Bay 5000K 60D-200W	High Bay 5000K 60D-150W	High Bay 5000K 60D-100W
P/N	MPS-HC506200-3T1	MPS-HC506150-3T1	MPS-HC506100-3T1
Product Code	00801760188A	00801760189A	00801760190A
Pieces per pack	N/A		
EAN code on pack	N/A		
Size of pack	N/A		
Weight per pack (G.W)	N/A		

Packs per inner box	N/A		
EAN code on inner box	N/A		
ITF code on inner box	N/A		
Size of inner box	N/A		
Weight per inner box(G.W)	N/A		
Packs per outer box	1		
EAN code on outer box	4712947601887	4712947601894	4712947601900
ITF code on outer box	04712947601887	04712947601894	04712947601900
Size of outer box	480x480x300 mm		
Weight per outer box(G.W)	10.1 kg	9.3 kg	9.0 kg

## 9. Conformity

<b>2006/95/EC; Low Voltage Directive</b>	EN 62031(LED module) 、 EN 60598-1 & EN 60598-2-1(Luminaires) 、 EN 61347-2-13(LED driver) 、 EN 62471 、 EN 62493(EMF)
<b>2004/108/EC; EMC Directive</b>	EN 55015 、 EN 61000-3-2 、 EN 61000-3-3 EN 61547 (Including IEC 61000-4-X series)
<b>2009/125/EC; ErP Directive</b>	EU No. 1194 、 EU No. 874
<b>2011/65/EU; RoHS Directive</b>	EN 50581 、 EN 62321

## 10. Business Scheme (Countries)

### A. Applicable countries

France, Italy, Belgium, Spain, Morocco, Portugal, Netherlands, Luxembourg, Germany, Turkey, Greece, Austria, Switzerland, Bulgaria, Poland, Hungary, Israel, Sweden, Norway, Ireland, England

Note : The requirement of each country will be reflected to the product specifications, when the products will be shipped to such country.

### B. Manufacture

Unity Opto Technology Co., Ltd.

### C. Sales channel

B2B flow and B2C