TORTECH LIGHTING

Tortech Lighting - Leaders in the LED Lighting revolution

100W LED HIGH BAY LIGHT

W: www.tortechlighting.com.au

CATEGORY

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1 Technology Parameters

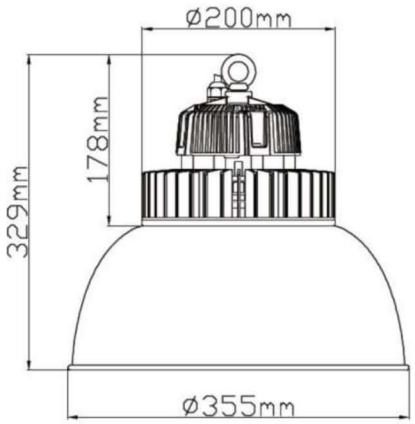
Light output	Voltage	Energy used	Lifespan	Warranty	Equivalent
10000 Lm	90-305 V	100 W	40,000 H	1 Y	200 W

100W high bay is designed to replace the 200W induction lamp, metal halid or HID lamp, the superior Nichia SMD solution and pure aluminum heat sink enables the lumen efficacy higher to 100LM/W with excellent thermal management in one-piece structure by cold-forging technology.

Features:

- Excellent thermal management
- Nichia SMD LED technology
- Narrow Beam Angle 90 degree
- Meanwell driver
- Low maintenance

2 Mechanical Design

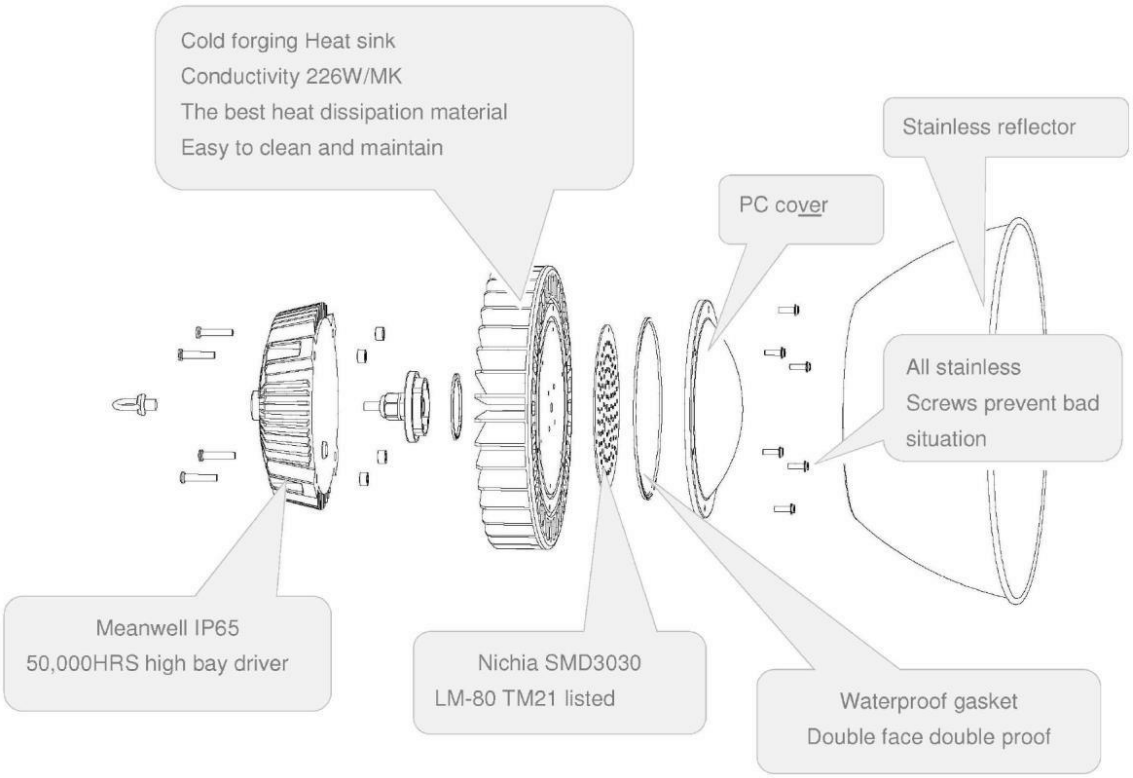


Heat Management:

- Cold-forging Pure Aluminum heat sink
- Excellent heat management by conjoined structure
- Sand-blasting and oxidation surface treatment
- Thermal conductivity index: 226W/M · K
- The temperature difference between the PN junction and surface is within 3℃.

Temperature	
Working temperature	-20-50℃
Storage temperature	-20-60℃

3 Split Graph



4 Specification

Electrical and optical parameter	
Beam angle	90degree
Chip brand	Nichia 3030
LM-80 report	Tested
Chip quantities	98pcs
Lumen efficacy	100Lm/W
CRI	Ra82
PF	0.98
IP rating	IP65
Recycle switch test	20,000 times
Driver efficacy	90%
Certificate	CE, RoHS, SAA, TUV
Place of origin	China Mainland

5 Package

Packing dimension	
High bay carton Size	255*255*285mm
Cover size	370*370*240mm
Product Weight	3.0kg
Weight./CTN	4.0KG

6 Product List

Part No	Power	CCT	Lumen	CRI	Voltage	Dimension
TOR-LB-100W-B	100W	4000K	10000Lm	82	AC90-305V	Φ355*329mm
		5000K	10000Lm			
		5700K	10000Lm			

7 Application



8 Note

- The working voltage for this lamp is 100-305V. Please make sure the working voltage is 100-305V before you connected the lamp to the power supply.
- The input power of this lamp is 100-305V; Prohibit contact to the base of the lamp after connected to the power supply to avoid the electric shock.
- Please check whether any damage caused by delivery before you use the lamp. If any flaw or damage, please don't use it and inform the supplier.
- Please follow the construction and caution on the leaflet so as to ensure the safe usage and the good condition of product. Any damage or defect caused by failure that is warned on the leaflet is out of the supplier's responsibility.
- Because outer covering temperature can amount to 90℃, keep the lamp away from heat-sensitive materials.