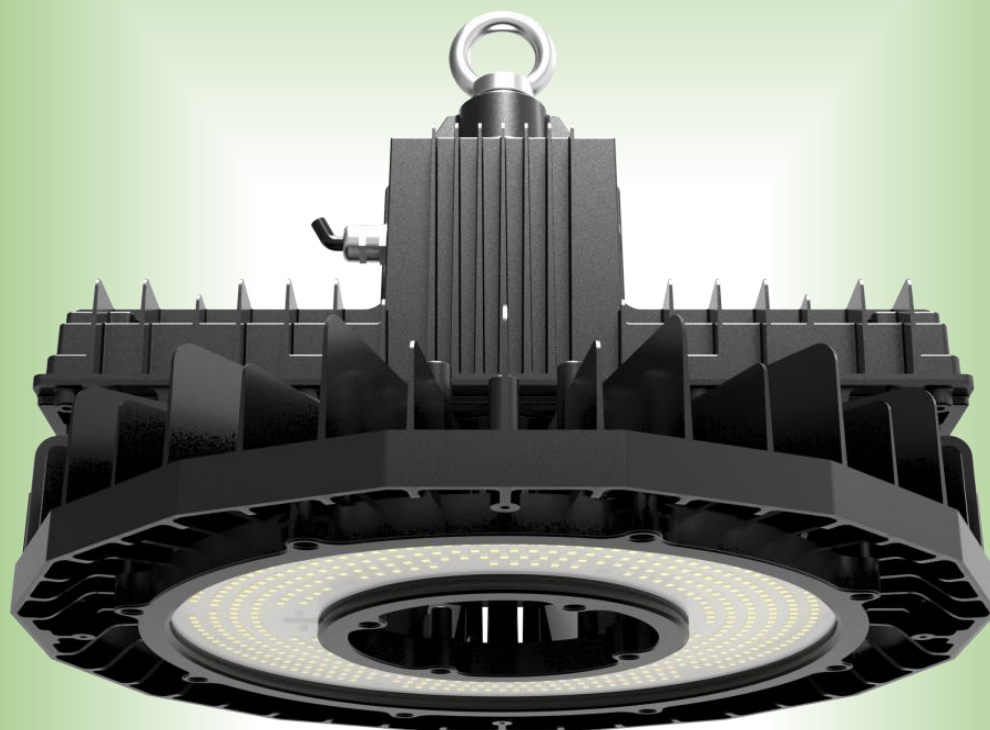
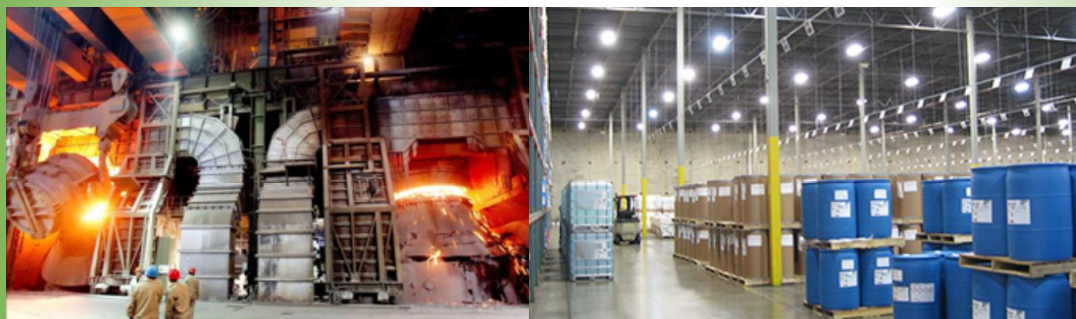


DAWSON™

HB LED HIGHBAY LIGHT



Project Reference



XTRA-MILES Sdn. Bhd. 968820-K
39, Lorong Impian Indah 16, Taman Impian Indah,
14000 Bukit Mertajam, Penang.
Tel : +6 017-914 5856 Fax: +6 04-587 2679 Email: myxmiles@gmail.com
Website: www.xtra-miles.com



D-HB31

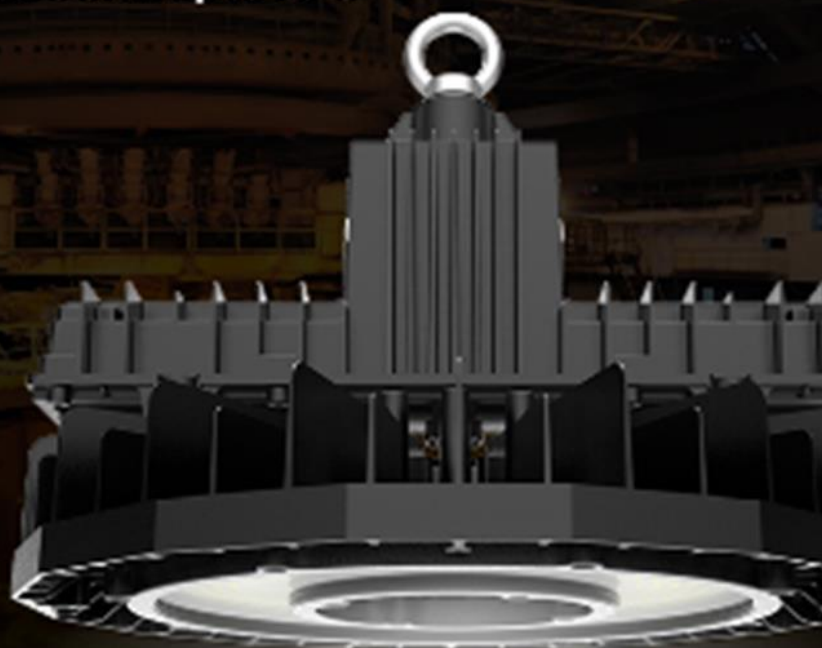
Xtra Miles Sdn Bhd (968820-K)

High Temperature High Bay Light

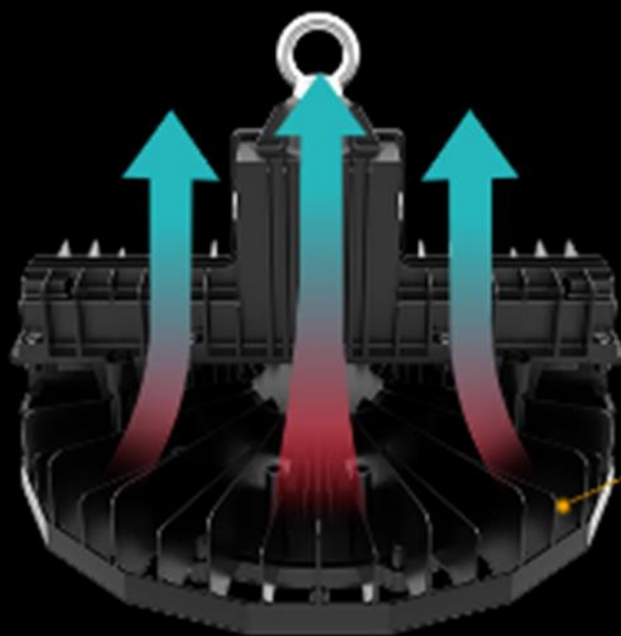
Designed for industrial areas where
ambient temperature even up to 70°C

165
lm/w

70°C



100W / 120W / 150W / 200W



Aerodynamic design

Allowed for cross-ventilation,
excellent heat dissipation



400 mm

Robust special heat sink

Bracket and Alu reflector are available



Tempered glass



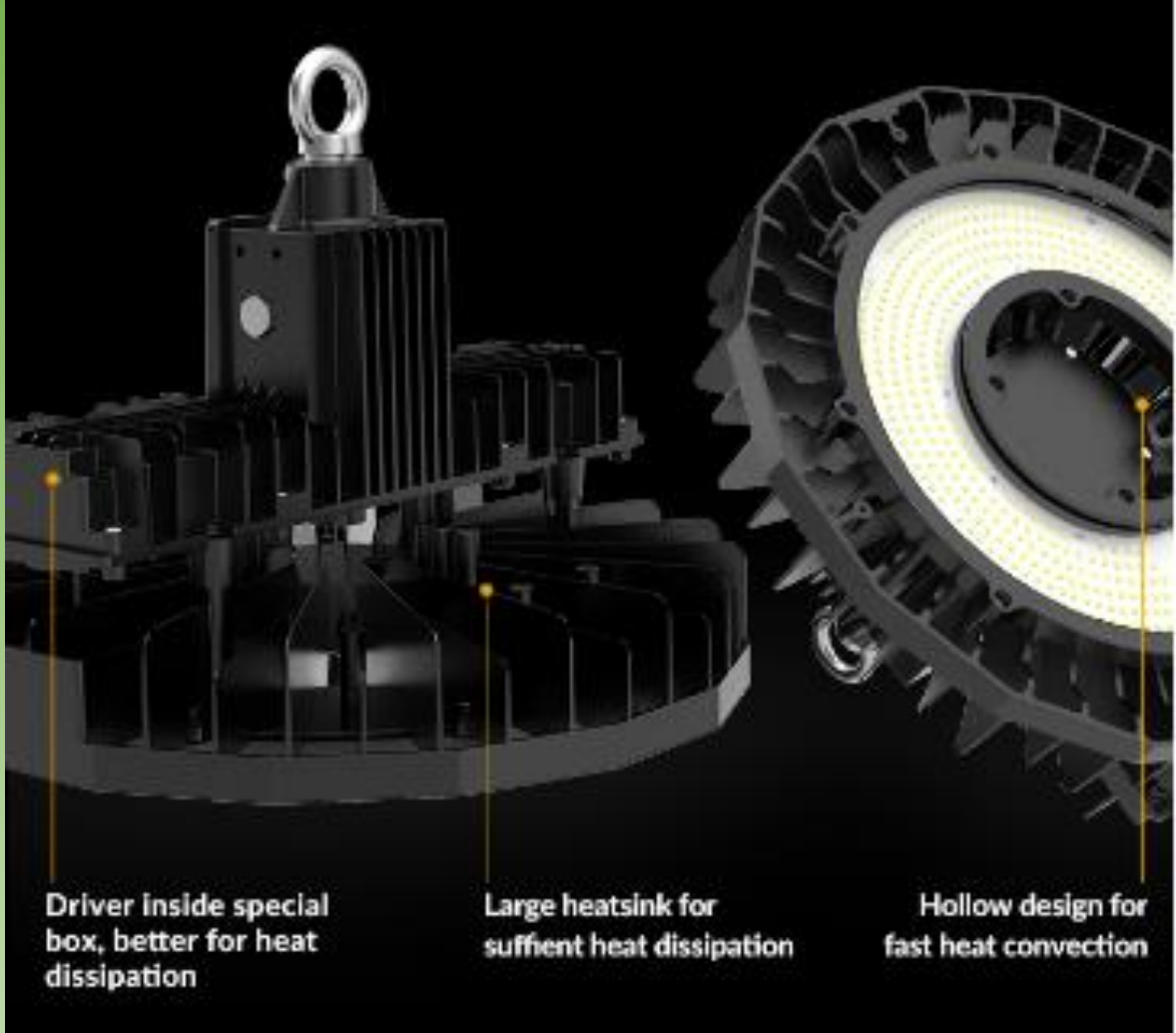
ALU reflector



Non-adjustable ceiling
mount bracket

Applications





During 70°C temperature test, the driver Tc is only 83.2°C

Temperature (°C) of Part	Temperature Test				
	Normal				
	Test 1 (°C)	Test 1 rise (k)	Test 2 (°C)	Test 2 rise (k)	limits
1. LED-	91.305	21.252	56.507	25.007	Ref.
2. LED-	92.607	22.554	57.13	25.63	Ref.
3. LED-	95.111	25.058	58.518	27.018	Ref.
4. Wire	88.853	18.8	51.783	20.283	Ref.
5. Metal Enclosure Outside	80.518	10.465	44.234	12.734	Ref.
6. Metal Enclosure Outside	86.148	16.095	49.391	17.891	Ref.
7. Metal Enclosure Outside	88.021	17.968	50.694	19.194	Ref.
8. Metal Enclosure Outside	84.902	14.849	47.915	16.415	Ref.
9. Metal Enclosure Outside	80.582	10.529	42.579	11.079	Ref.
10. Ambient	70.053	--	31.5	--	Ref.
11. LED Driver TC	83.2	13.147	47	15.5	90
12. LED Driver	79.9	9.847	45.5	14	Ref.
13. LED Driver	82	11.947	48.3	16.8	Ref.

Specification

SPECIFICATIONS				
Part Number	D-HB31-100	D-HB31-120	D-HB31-150	D-HB31-200
Wattage	100W	120W	150W	200W
Luminous Flux	16500lm	19800lm	24750lm	33000lm
Luminous Efficacy	165lm/W			
Input Voltage	220-240 VAC			
LED Type/ Power Supply	Nichia chip/ Philips			
CCT	5000K (3000K, 4000K optional)			
CRI	> Ra70			
Power Factor	> 0.92			
IP Rating	IP65			
Surge Protection	2kV line-line,4kV line-earth			
Life Time	>50,000Hrs			
Operating Temperature	-30°C to + 70°C (-22°F to 158°F)			
Material	Aluminum Alloy (Powder Coating) / Glass Cover			
Product Dimension	φ400x306.5mm (φ 15.75" x12.07")			
Weight	9.66±0.3kg(21.30±0.66Lbs)			9.73±0.3kg(21.45±0.66Lbs)

Application:

- Warehouse
- Industrial Facility
- Exhibition Center
- Shopping Mall
- Gymnasium
- Stations

