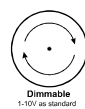


FT H-210

 **STANDARD**
LUMINAIRE



LED HIGH BAY LIGHTS





Overview

FT H-210-Series LED HighBay lights are using Nichia、LUMILEDS® LUXEON or XUYU 3030 providing excellent lumen output, long-lasting stability and splendid sight. FT H-210-Series LED HighBay lights are using high-end LED driver with long lifespan. Provide 3 years warranty on luminaire.

Color Options

Black(RAL9005) other RAL colors available on request

LED LUMINOUS SOURCE



Greater than 150lm/W high efficacy, illumination grade LED light source.



LED DRIVER



High-end programmable Mean Well or SOSEN Series LED driver, integrated dimming function and 4KV surge protection. Provide excellent performance and lifespan.



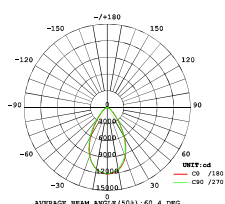
HEAT RADIATOR

Unique thermal design, stable product performance.

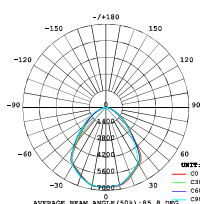


waterproof connector wiring, installation is convenient

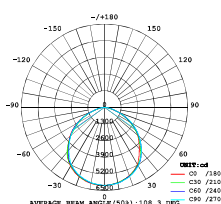
PC reflector cup-60°



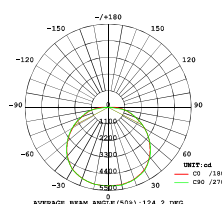
PC reflector cup-90°



Transparency PC



Fresnel lens



Beam Angle: 60°、90°、120°、130°

Application: Workshop | Warehouse | Gas Station | Parking Garage | Area Lighting



Excellent thermal management system and heat radiation enable the LEDs consistently work cooler, providing significant boosts to lifetime and efficacy.



Optional accessory:

Bracket、Fresnel lens、60° or 90° Lotus reflector CUP and transparency PC

Note:

- 1、Fresnel lens and transparency PC cover are interchangeable;
- 2、60° and 90° degrees Lotus reflector CUP are interchangeable.



H-210 80W~230W LED HIGH BAY LIGHTS

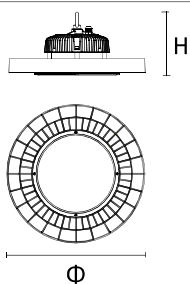
PRODUCT CATALOG



Product	H-210-80W	H-210-100W	H-210-120W	H-210-150W	H-210-200W	H-210-230W
Normal Wattage	80W	100W	120W	150W	200W	230W
LED Qty & Current	120units & 110mA	144units & 106 mA	184units & 100 mA	216units & 106 mA	256units & 119 mA	320units & 108 mA
Length of heat sink	Φ320mm	Φ320mm	Φ320mm	Φ320mm	Φ400mm	Φ400mm
Input Voltage	100-277VAC					
Dimming	1 -10V or PWM, Resistance					
LED Brand	Nichia / Philips Lumileds / XUYU 3030					
Driver Brand	Mean Well or SOSEN					
Operating Temperature	-40 °C to +50 °C					
Power Factor(PF)	>0.95					
THD	<20%					
Lumen Output (+/- 5%)	10400 lm	13000 lm	15600 lm	19500 lm	26000 lm	29900 lm
Luminaire efficacy (+/- 5%)	130 lm /w	130 lm /w	130 lm /w	130 lm /w	130 lm /w	130 lm /w
Beam Angle	60°/90°/120°/130°					
CRI	70 or 80					
CCT	4000K (Nature White), 5700K (Cool White), 6500K (Cool White)					
Rating	IP65					
Material	Die-cast aluminum/PC					
Installation	Suspended Mounting					
Accessories (Optional)	Lens/Hook					
Shell Color	Black(RAL9005) other RAL colors available on request					
Lumen Maintenance	> 50,000 hours-L70 at 25 °C					
Certifications	TUV,DLC,ETL,CE, ROHS, IOS9001					
Packaging Type	1 unit /ctn.					

Note: Normal light efficiency of 130LM/W can also provide a high luminous effect version, specific contact business.

DIMENSION DATA

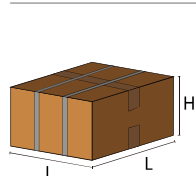


Nominal Wattage	80W	100W~150W	200W	230W
"Φ" Diameter	320 mm 12.6"	320 mm 12.6"	400 mm 15.75"	400 mm 15.75"
"H" Height	155 mm 6.10"	165 mm 6.49"	188 mm 7.40"	188 mm 7.40"
Weight	2.9 kg 6.34 lbs.	3.3 kg 7.28 lbs.	5.40 kg 11.9 lbs.	5.90 kg 13.0 lbs.

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (50,000 Hours)	Theoretical L70 (Hours)
25 °C	88.4%	60,000
40 °C	84.97%	60,000

PACKAGING DATA



Nominal Wattage	80W	100W~150W	200W	200W
"L" Length	360 mm 14.17"	360 mm 14.17"	440 mm 17.32"	440 mm 17.32"
"H" Height	160 mm 6.30"	170 mm 6.69"	180 mm 7.09"	180 mm 7.09"
Weight	3.4 kg 7.49 lbs.	3.8 kg 8.38 lbs.	6.32 kg 13.93 lbs.	6.82 kg 15.04 lbs.

STANDARD LUMINAIRE

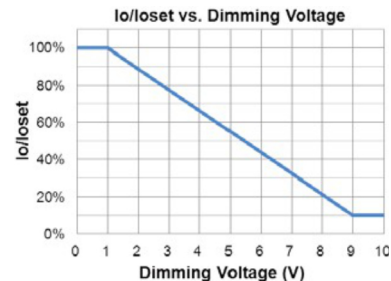
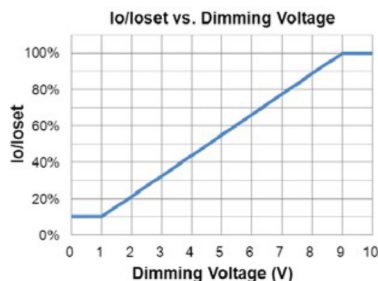
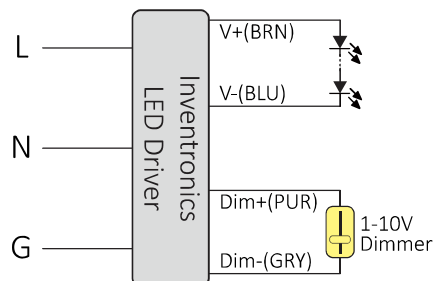


Dimming

Multiple dimming functions are integrated 1-10V DC or PWM Signal.

1-10V Dimming

The recommended implementation of the dimming control is provided below.

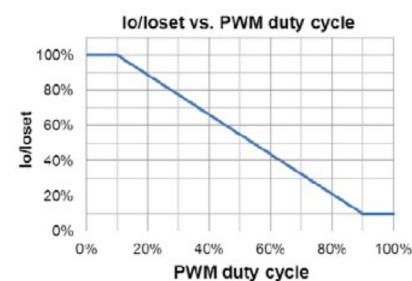
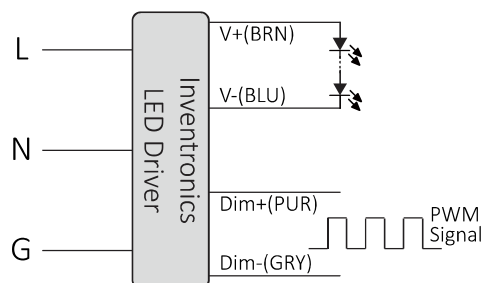


Notes:

1. The dimmer can also be replaced by an active 1-10V voltage source signal or passive components like resistors and zener.
2. Do NOT connect Dim- to the output V- or V+, otherwise the driver will not work properly.
3. If 1-10V dimming is not used, Dim + should be open.
4. When 1-10V negative logic dimming mode and Dim+ is open, the driver will output maximum current.

PWM Dimming

The recommended implementation of the dimming control is provided below.



Notes:

1. Do NOT connect Dim- to the output V- or V+, otherwise the driver will not work properly.
2. If PWM dimming is not used, Dim + should be open.
3. When PWM negative logic dimming mode and Dim+ is open, the driver will output maximum current.