

FOOD GRADE LIGHTING FH6

Ultra-high efficiency
up to 140 lm/W



Note: Not all of the products indicated in this specification are DLC premium qualified, please refer to <https://www.designlights.org/searcher> for more details.

HIGH LIGHT · DURABLE · SAVE COST
100W/150W/200W

It is widely used in food stores, food processing plants, workshops, etc.

Features

UL Listing: Suitable for wet locations

LEDs: Long-life, high-efficiency, surface mount LEDs

Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Drivers:

100W:

Constant current, 50/60 Hz., 100-277V, 1.00A @ 100V, 0.48A @ 208V, 0.42A @ 240V, 0.36A @ 277V;

150W:

Constant current, 50/60 Hz., 100-277V, 1.50A @ 100V, 0.72A @ 208V, 0.62A @ 240V, 0.54A @ 277V;

200W:

Constant current, 50/60 Hz., 100-277V, 2.00A @ 100V, 0.96A @ 208V, 0.83A @ 240V, 0.72A @ 277V;

CCT: 3000K/5000K/ 6000K (Color temperature Adjustable)

Dimming: With Bluetooth, "eControl Home "APP controls dimming

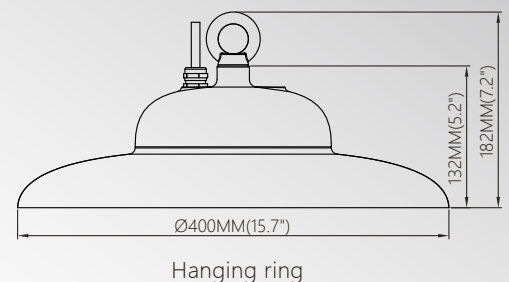
Finish: White(standard)/Customerization.

Housing: ADC12 die-cast aluminum



Dimension

Unit:MM/INCH



DATA SHEET				
OPTICS	Input Power (W)	100W	150W	200W
	Lumens Delivered @ 5000K	14,000 lm	21,000 lm	28,000 lm
	Efficacy (lm/W)	>140lm/W		
	CRI	>80		
	IES LM-80 results and TM-21 calculations	>100,000 hours		
	CCT(Dimmable)	3000K, 4000K & 5000K		
ELECTRICAL	Input Voltage	AC100-277V ,50/60Hz		
	Max THD %	<10%		
	Power Factor	>95%		
PHYSICAL	Housing	ADC12 die-cast aluminum		
	Lens Type	PC		
	Beam Angle	110°		
CERTIFICATION	Certification	NSF, UL listed, FCC, CE, RoHS, TUV, SAA		
	Environment	Wet location listed, IP66, IP69K		
THERMAL	Operating Temperature	-40°F - 113°F (-40°C - 45°C)		
	Humidity	10% - 90% RH, non condensing		
QUALIFICATION	DesignLights Consortium	Listed on QPL DLC 5.1 Premium		
Surge Protection	Built-in 6kV surge protection			
Accessory	Ring bolt mounting accessory included with safety hanging kit			

Ordering Guide

Model: FH6-ABCD-EFGH-IHKLM, For example: FH6-150WL-50K8023-SWH

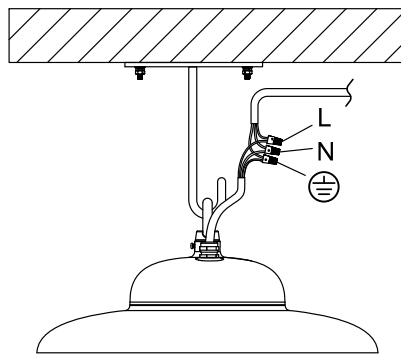
Electric Character				Optics Character				Physical Character				Smart Optional
A	B	C	D	E	F	G	H	I	J	K	L	M
Rated power	Input voltage	Driver brand	Dimming	CCT	CRI	LED CHIP	Beam Angle	Dimension	Color	Installation	Lens	Sensor
100W 150W 200W	L-≤277V	Blank or 1-99	Blank-No dimmable D-Dimmable	30K-3000K 40K-4000K 50K-5000K	80-Ra80	1-99	3-110°	S-D400mm	BK-Black BR-Brown WH-White	Blank-Ring	Blank-PC	Blank-No sensor M-Microwave Sensor

Classic display:



- Round arc-shaped fashion industrial design, die-casting aluminum heat dissipation shell, good heat dissipation performance, white piano paint appearance and surface treatment process.
- There are no screws on the outer surface of the lamp. They are cleverly hidden inside to enhance safety.
- Top ten innovative products of the fourth Qianhai Bay Lighting Engineering Award.
- High Performance LED: Easily upgrade existing H.I.D and fluorescent fixtures with this high performance LED luminaire
- IP69K(IP66) waterproof fully sealed construction and suitable for wet locations, IK10 impact resistant.

Installation diagram:



Hanging ring

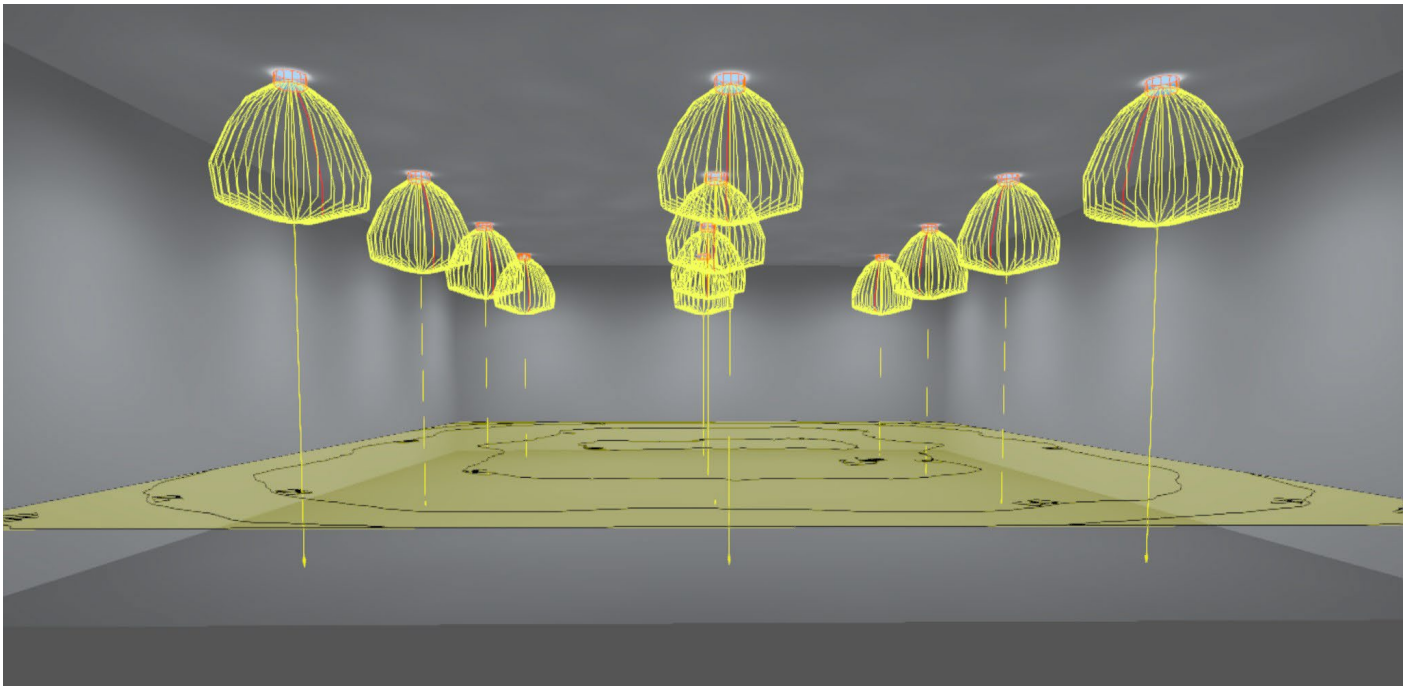
Application:



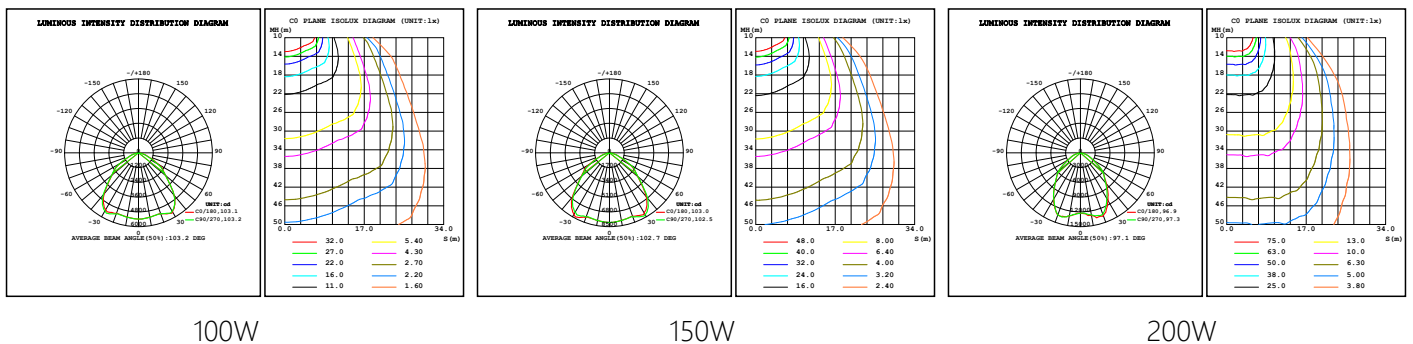
Optics

Tech.Support:

Tell us the room L,W and usage,we have an engineer team to respond the DIALUX for lights quantity and effects, IES files are available upon request.



PHOTOMETRIC SPECIFICATIONS



Wiring diagram

Wiring Connection

Turn off the power, connect AC wire.

Dimmer connection (With dimmable driver.)

1. Compatible with 0-10V dimming.
2. Connect wires as below(Figure 1).

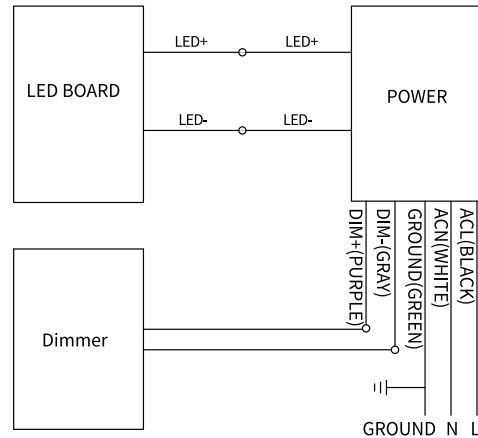


Figure 1

Package



Type	Package	
Model	100W/150W/200W	
Packing	Carton	Carton
Packing QTY	1pcs/CTN	2pcs/CTN
CTN SIZE	444x444x164 MM 17.5x17.5x6.5 INCH	444x292x444 MM 17.5x11.5x17.5 INCH
N.W.	5KG/11LB	10KG/22LB
G.W.	5.9KG/13LB	11KG/24.2LB
20GP	732CTN	400CTN
40GP	1556CTN	848CTN
40HQ	1992CTN	1116CTN

