

# 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/ 5000K (Color temperature Adjustable)

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

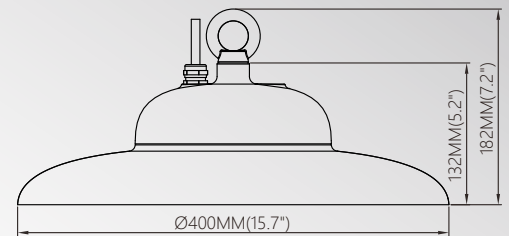
**Finish:** White(standard)/Customerization.

**Housing:** ADC12 die-cast aluminum



## Dimension

Unit:MM/INCH



Hanging ring



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: HG-HL-ABCD-EFGH-IHKLM, For example: HG-HL-200WL5D-50K8023-L6WH

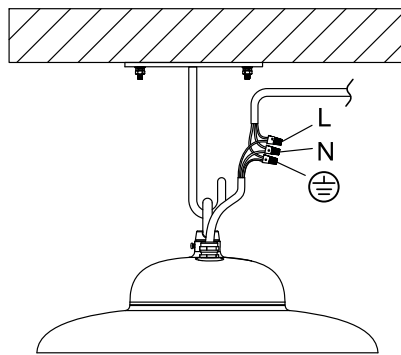
Electric Character				Optics Character				Physical Character				Smart Optional
A	B	C	D	E	F	G	H	I	J	K	L	M
Rated power	Input voltage	Driver brand	Dimming	CCT	CRI	LED CHIP	Beam Angle	Dimension	Color	Installation	Lens	Sensor
100W 150W 200W	L-≤277V L-≥277V	Blank or 1-99	Blank-No dimmable D-Dimmable	30K-3000K 40K-4000K 50K-5000K 57K-5700K 60K-6000K	80-Ra80	1-99	1-60° 2-90° 3-120°	L6-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

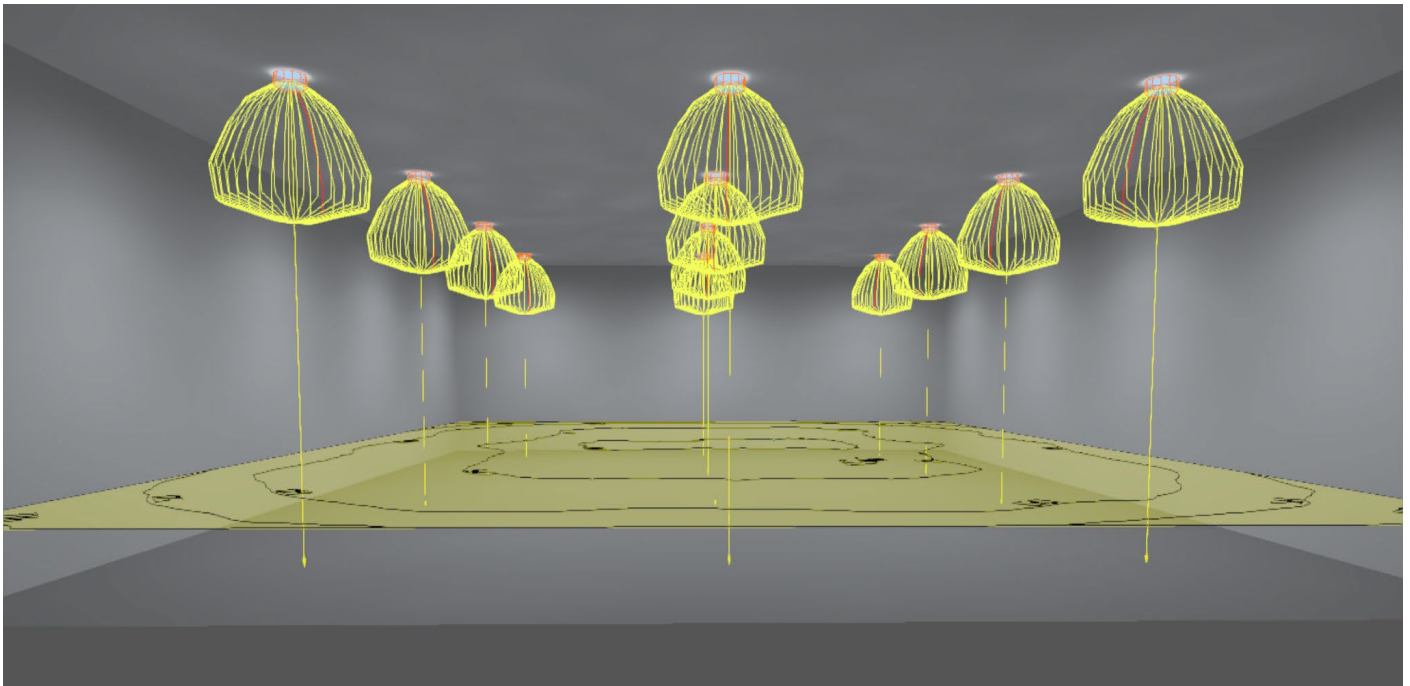
## Application:



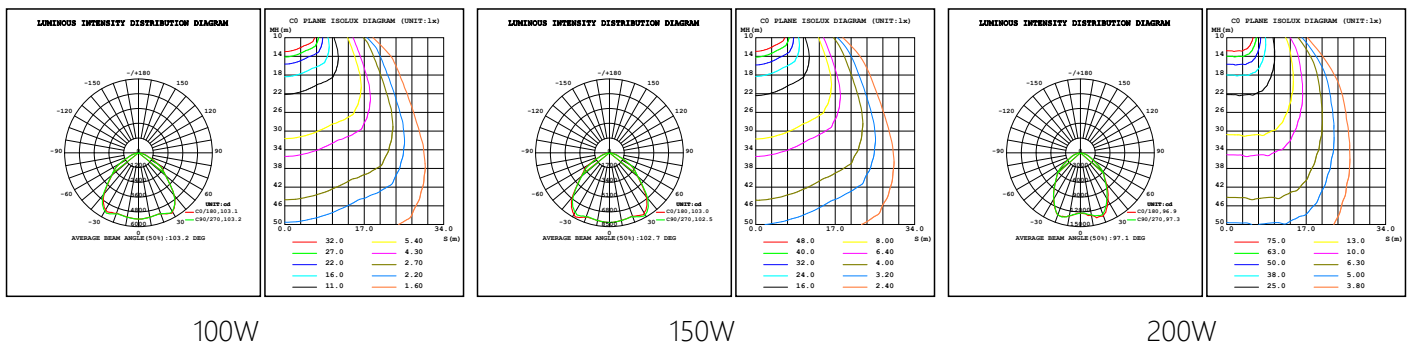
## Optics

### 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).

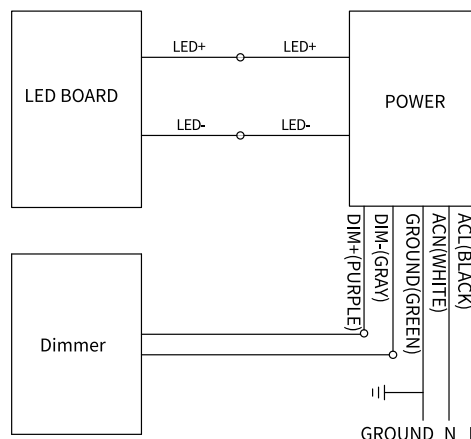


Figure 1

## 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

