Large LED Flood Light

DLC Premium Model Numbers

4FL100L50(B,W,BK)1[blank,P];4FL100L45(B,W,BK)1[blank,P];
4FL100L40(B,W,BK)1[blank,P];
4FL100L50(B,W,BK)1[blank,P]D[blank,M];
4FL100L45(B,W,BK)1[blank,P]D[blank,M];
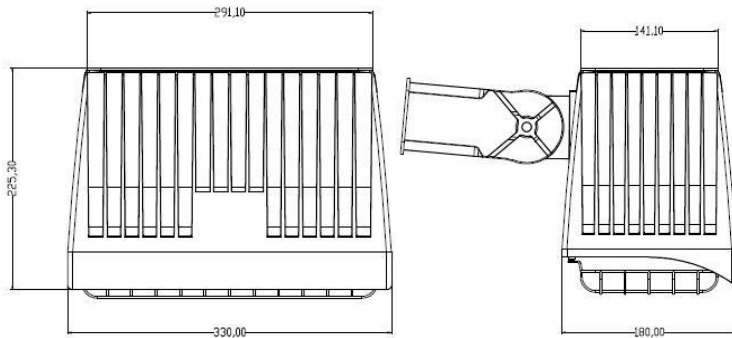4FL100L40(B,W,BK)1[blank,P]D[blank,M]

DESCRIPTION

LED Large flood light series deliver the best value in lighting, from a brand you can trust. It's exceptional energy-saving, with efficiency of up to 125 lm/W. With an expected service life of over 100,000 hours, this product is built to last for more than 10 years. Slip fitter mount, Trunnion mount, and Straight arm pole mount are optional.

Superior performance and robust design make this product suitable for any general purpose floodlighting applications including facades, landscapes, public places, retail and residential complexes, Golf course, airport, hospitality, metro station, etc.

COMPLIANCE

● ETL/cETL listed
● LM79 / LM80 / IES available
● CE RoHS available

FEATURES

● High quality Nichia chips deliver over 125 lumens per watt
● UL/cULs high quality driver
● ETL/cETL listed for wet locations.
● Optimized thermal management with Die-cast aluminum housing integrated fins
● Tempered and shatter-resistant glass for durability
● Surge protection available
● Straight arm pole mount, Slip fitter mount, and trunnion mount optional
● Wire guard accessories available
● IP65 ratied, suitable for both indoor and outdoor projects
● Backed by 6 years limited warranty

SENSOR

● **120VAC/100-277VAC Photocell Sensor:** Applicable to control passage lighting and doorway lighting automatically in accordance with the ambient lighting level. Operating temperature of -40℃~+70℃.

● **Motion/Daylight Sensor:** 0-10V microwave-based motion sensor with integral photocontrol, allowing for three output states: 100%; 10/20/30/50% output; or 0% output. Detection area, hold time, daylight threshold, and dimming level all have DIP switches. Operating temperature of -35℃~+70℃.

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SPECIFICATIONS

Items	Details
Model No.	4FL100L50(B,W,BK)1[blank,P]
Input Power	100 W
Input Voltage	AC 100-277V, 50~60Hz
Luminous Flux	11,973.3 lm @5000K
Efficiency	125.1 lm/W @5000K
LED Source	High Power NICHIA LEDs
Color Temp.:	4000K / 4500K / 5000K
CRI	≥75
Light Distribution	NEMA 6H×6V
Driver	UL/cUL driver
Power Factor	>0.9
THD	<15%
Fixture Material	Die-cast aluminum + Glass cover
Fixture Surface	Bronze (other finish available)
IP Rating	IP65
Operating Temp	- 35°C to 55°C
Energy saving	60% ~ 80%
Sensors	120V photocell sensor; 120-277V motion sensor
Testing Reports	LM79, LM80, IES available
Warranty	6 years warranty
Qualifications	ETL/cETL, DLC Premium
Security	Approved
Available from U.S. warehouse	Yes

Ordering Guide   EXAMPLE: 4FL100L50(B,W,BK)1[blank,P]

Light type	Wattage	Voltage	CCT	Finish	Driver	Sensor
4FL=LED Flood Light	100=100W	L=100-277V H=347-480V	40=4000K 45=4500K 50=5000K	B=Bronze W=White BK=Black	1=UL/cUL driver 2=Meanwell driver	P=Photocell sensor Blank=Non dimmable

Option 1	D=Dimmable Blank=Non-dimmable
Option 2	M=Motion Sensor Blank=Non-Sensor

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MOUNTING OPTIONS (Please specify mounting way before order)

Slip fitter mount

Straight Arm mount

Trunnion mount

SAFETY INFORMATION

WARNING

ONLY QUALIFIED PERSONNEL SHOULD PERFORM INSTALLATION. TO AVOID ELECTRICAL SHOCK OR COMPONENT DAMAGE, DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OF THE FIXTURES.

PRIOR TO INSTALLATION

Before installing fixtures, read and understand all cautions, warnings, instructions, and product labels. Failure to do so could result in injury and/or void the warranty.

MAINTENANCE

The unit is designed for years with minimum care. For optimum performance, periodically clean the reflector and lens with a mild, non-abrasive glass cleaner and soft cloth. Do NOT use solvents or cleaners containing abrasive agents. When cleaning the fixture, make sure you have the power turned off and do not spray liquid cleaner directly onto the LED, socket, or wiring.