

FL37A

LED Flood Light



Specifications

Input Voltage:	100 ~ 240Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Driver Efficiency	Typical 83%-85%
Surge Protection Level:	10kV line-earth
Working Environment:	-40℃ ~ +50℃, 10% ~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	≥70
Housing:	Die Casting, Galvanized Steel
IP Rating of LED Engine:	IP68
IP Rating of Luminaire:	IP66
Impact Resistance	IK08
Warranty:	5 Years Limited

Finishing Colors

	Gray		Black
	White		Dark Gray

Applications

- Advertisement (wall, billboard....)
- Landscape (lawn, garden...)
- Wall pack (lane, footpath...)



Features

Construction

- Compact die cast design, of light weight and high reliability.
- Whole structure heating dissipation design with efficient thermal conduction and radiation.
- Unique patented IP68 LED light engine.

Electrical

- Constant current, steady output and safety for LEDs.

Optical

- Tempered glass cover, easy for cleaning.
- Optional diffuse cover provides a comfortable lighting environment.

Mounting

- Bracket adjustable within $\pm 60^\circ$.

Photos



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Ordering Information

Example: FL37A-N1-10-CA-24-1873-7040-LU-CM-WH

Luminaire Type		Module Qty	System Power		LED Package	Cable Standard		LED Qty per Module					
FL	Flood light	N1	1 Optical set		10	10W	C	3030		A	CCC+VDE	24	24pcs
	37A		37A series	15		15W		C	PSE		36		36pcs
			20	20W		H		UL	48		48pcs		
			30	30W		X		Others					

Lens Code		CRI & CCT		Brand of LEDs		Driver Brand		Housing Color	
1873	125°X100°	7030	Ra≥70, CCT 3000K	LU	LUMILEDS	CM	Customized	BK	Black
		7040	Ra≥70, CCT 4000K	SN	Sanan	XX	Others	WH	White
		7050	Ra≥70, CCT 5000K	XX	Others			GY	Gray
		7057	Ra≥70, CCT 5700K			DG	Dark Gray		

Performance

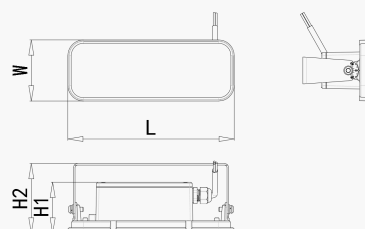
Model	Power (W)	Efficacy (lm/W)	Flux (lm)
FL37A	10	140	1400
	15	140	2100
	20	140	2800
	30	135	4050

Note: 1. Values shown are subject to ±5%~±8% tolerance.
2. Efficacy of Ra70 3000K is 5% lower than other CCT≥4000K.
3. Efficacy of diffuse option is lower than data above.

Product Dimensions

Model	L (mm)	W1 (mm)	H1 (mm)	H2 (mm)	N.W. (kg)
FL37A	220	80	66.5	90	1.1

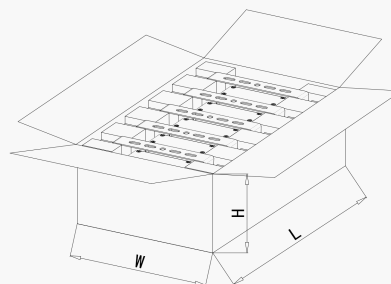
Notes: Typical values above. N.W. tolerance: 5%. Dimension tolerance: ± 5



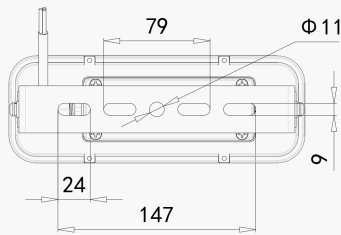
Package Information

Model	PCS/CTN	L (mm)	W (mm)	H (mm)	G.W. (kg)
FL37A	5	480	300	120	6.1

Notes: Typical values above. G.W. tolerance: 5%. Dimension tolerance: ± 5

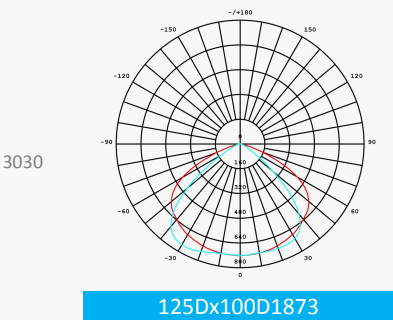


Installation Bracket



Tolerance: ± 0.5

Typical Distributions



Version History

Change Date	Version	Description of Change		
		Item	From	To
2020/12/16	Ver A	Datasheet Pre-Release		
2021/03/15	Ver1.0	Datasheet officially released. -- LED quantity revised, and efficacy accordingly	48pcs for all	24pcs/ 36pcs/ 48pcs
2021/11/16	Ver1.1	Ordering Information and Performance		Add 30W solution