

Project Name: _____
Date: _____ Note: _____

LED Flood Light - FL02 Series



Application: Designed for a wide range of uses, including wall lighting, landscape illumination, building facades and signage, entryways, garages, building perimeters, and loading bays. Well-suited for both residential and commercial applications.

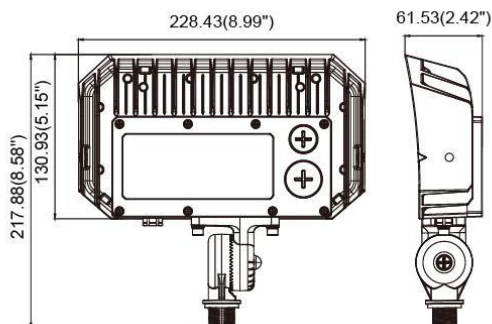
Certification



Feature

The slim, compact LED Flood Light features a die-cast aluminum housing that also functions as an efficient heat sink. Its design promotes optimal cooling through natural convection and passive airflow, ensuring long-lasting performance and energy efficiency. Ideal for a wide range of applications, it serves as an excellent replacement for traditional security, commercial, and residential lighting solutions.

Dimension



Specifications

Model	HYA-FL02-50/40/30W-H-3CCT
Wattage	50/40/30W Selectable
Dimming	0-10V
Lumen Output	6537 lm @ 50W
Input Voltage	AC120-277V 50/60Hz
CCT	3000K-4000K-5000K Selectable
CRI	Ra>80
Working Temperature	~32°F ~+113°F / ~0°C ~+45°C
Environment Location	WET LOCATIONS (IP65)
Option	Photocontrol Pre-Installed
Life Span	Lumen Maintenance over 70% @ 50,000+ Hours
Lamp Shell	Dark Bronze
REPLACES (MH)	150W
DLC ID	S-1YHBDE
PCS/BOX	10
Master Box Dimension	19.06 in x 13.78 in x 10.04 in
Master Box Weight	32.30 LB

Photometric

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2,544.6	39.4%
0-40	3,898.6	60.3%
0-60	5,794.2	89.7%
60-90	645.8	10%
70-100	246.0	3.8%
90-120	10.8	0.2%
0-90	6,440.0	99.7%
90-180	22.4	0.3%
0-180	6,462.4	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	334.3	5.2%	90-100	7.7	0.1%
10-20	927.8	14.4%	100-110	1.3	0%
20-30	1,282.5	19.8%	110-120	1.7	0%
30-40	1,354.1	21.0%	120-130	2.3	0%
40-50	1,143.7	17.7%	130-140	2.6	0%
50-60	751.9	11.6%	140-150	2.6	0%
60-70	407.5	6.3%	150-160	2.2	0%
70-80	183.1	2.8%	160-170	1.4	0%
80-90	55.2	0.9%	170-180	0.5	0%

