



TRADITIONAL FLOOD LIGHT

SERIES GKOFD08



Product Overview

GKOFD08 Flood Lights are a high performance LED lighting solution with a traditional design. The rugged cast aluminum housing meets greater wind load requirements and features an integral, watertight LED driver compartment and high performance aluminum heat sinks.



Key Features

CONSTRUCTION:

- Rugged die-cast aluminum housing with integral heat sink fins.
- Housing has direct contact with the driver to help maintain low temperature.
- Vented housing isolates LED module from driver, maximizing product life and performance.
- Housing is completely sealed against moisture and environmental contaminants.

FINISH:

- The exterior is protected by a rust-resistant powder coat finish that provides superior resistance to weathering and corrosion.

OPTICS:

- Wide light distribution with NEMA standard 7Hx6V beam angle.
- Light engines are available in standard 4000K and 5000K configurations.
- A wide range of lumen options available from 2,000 to 50,000 Lumens, replaces up to 1,000W metal halide.

ELECTRICAL:

- Universal 120-277V input voltage.
- 2KV surge protection for 15W-60W, 6KV for 70W-200W, 10KV for 350W.
- 0-10V dimming driver(s) as default with a dimming range of 10%-100%.
- THD: ≤20%, Power Factor: ≥90%.

CONTROLS:

- Optional button photocell for further energy savings - P0 120-277V (factory-installed).

INSTALLATION:

- Knuckle, slipfitter, yoke, and trunnion mount are available.
- Designed to be suitable for installation by only one person.

WARRANTY:

- 5 Year Limited Warranty.

LISTINGS:

- DesignLights Consortium® (DLC) Premium qualified.
- UL certified for wet locations.
- Rated for ambient operating temperature -40°F to 113°F (-40°C to -45°C).



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Performance Data

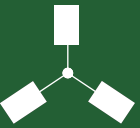
Lumen Output

System Watts	Voltage	NEMA	CRI	4000K		5000K	
				Lumens	Efficacy	Lumens	Efficacy
15W	120-277V	7Hx6V	70	2000lm	133lm/W	2000lm	133lm/W
27W	120-277V	7Hx6V	70	3700lm	137lm/W	3700lm	137lm/W
45W	120-277V	7Hx6V	70	6150lm	137lm/W	6150lm	137lm/W
60W	120-277V	7Hx6V	70	7800lm	130lm/W	7800lm	130lm/W
70W	120-277V	7Hx6V	70	9400lm	134lm/W	9400lm	134lm/W
100W	120-277V	7Hx6V	70	13500lm	135lm/W	13500lm	135lm/W
135W	120-277V	7Hx6V	70	18500lm	137lm/W	18500lm	137lm/W
200W	120-277V	7Hx6V	70	27000lm	135lm/W	27000lm	135lm/W
350W	120-277V	7Hx6V	70	50000lm	143lm/W	50000lm	143lm/W

Electrical Data

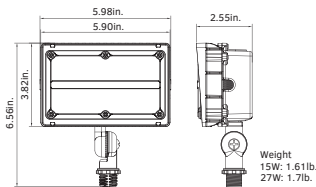
Number Of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	250	15	120	0.13
		15	208	0.07
		15	240	0.06
		15	277	0.05
1	430	27	120	0.23
		27	208	0.13
		27	240	0.11
		27	277	0.10
1	770	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	920	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
1	1750	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
1	2600	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
2	3500	135	120	1.13
		135	208	0.65
		135	240	0.56
		135	277	0.49
2	5000	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
1	5600	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26

EPA of Flood Light

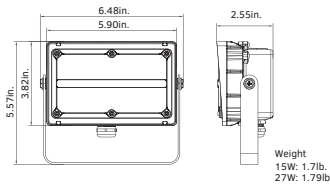
							
	1	2 @ 90°	2 @ 120°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
45W/60W	0.2871	0.4077	0.4408	0.5742	0.6948	0.7279	0.6948
70W/100W	0.2885	0.6097	0.7475	0.577	0.8982	0.8196	0.8982
135W/200W	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993
350W	0.536	1.061	1.278	1.072	1.597	1.803	1.597

Dimensions & Weight

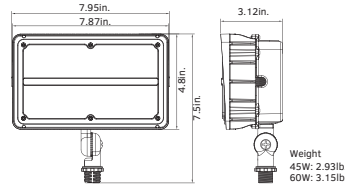
15W/27W (Knuckle Mount)



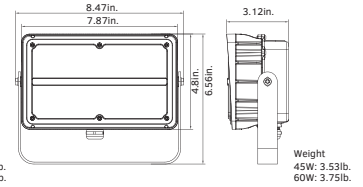
15W/27W (Trunnion Mount)



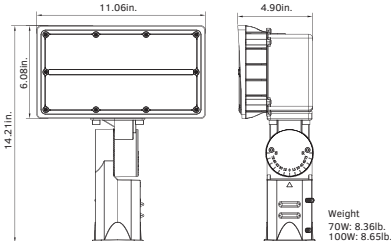
45W/60W (Knuckle Mount)



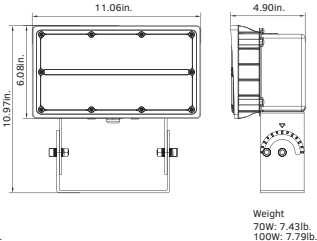
45W/60W (Trunnion Mount)



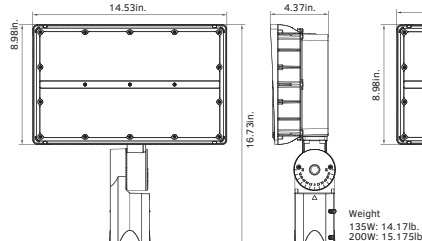
70W/100W (Slipfitter Mount)



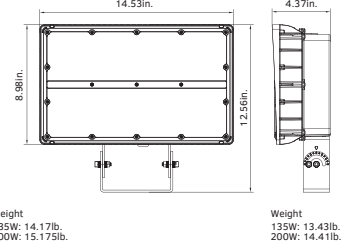
70W/100W (Yoke Mount)



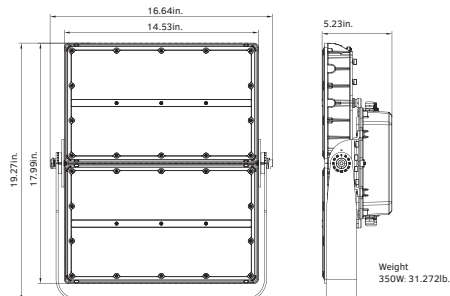
135W/200W (Slipfitter Mount)



135W/200W (Yoke Mount)



350W (Trunnion Mount)



Mounting Information



1/2" NPS Knuckle Mount (15W/27W/45W/60W)



Trunnion Mount (15W/27W/45W/60W/350W)



Yoke Mount (70W/100W/135W/200W)



Slipfitter Mount (70W/100W/ 135W/200W)

Ordering Information

Traditional Flood Light Series GKOFD08						Example: GKOFD0860W27V50KDDP0B76KN			
Fixture Type	Wattage	Voltage	CCT	Dimming	Finish	Photocell (Optional)	Beam Angle (NEMA)	Mounting	
GKOFD08	15W	27V 120-277V	40K 4000K	D 1-10V Dimmable Blank Non-Dimmable ¹	D Dark Bronze ² B Black W White	P0 120-277V Photocell Blank Without Photocell	B76 7Hx6V	KN Knuckle Mount ³	
	27W		50K 5000K					TR Trunnion Mount ³	
	45W							SP Slipfitter Mount ³	
	60W							YK Yoke Mount ³	
	70W								
	100W								
	135W								
	200W								
	350W								

Note: 1. All wattages above 70W are dimmable only. Wattages 70W and below are available in dimmable or non-dimmable configurations. Non-dimmable models are not DLC qualified and require extended lead time.
2. Default finish is dark bronze. All other finishes are special order only.
3. Not all mounting options are available for all wattages. Please refer to the Mounting Information section above for compatibility.
4. Not all product variations listed on this page are DLC qualified. Visit www.designlights.org to confirm qualification.