

# FLAT FLOOD LIGHT - TIER1 SERIES GKOFD04/05



**SMALL SIZE:**  
GKOFD04 70W / 105W

**MEDIUM SIZE:**  
GKOFD05 150W / 200W

**LARGE SIZE:**  
GKOFD05 250W / 300W

## Product Overview

GKOFD04 & GKOFD05 Flat Flood Light series are designed to provide superior performance and efficacy for exterior lighting applications. A range of lumen options from 9,500 to 42,300 Lumens replace up to 1,000W metal halide. These versatile luminaires provide the user with exceptional control for uplighting and wall washing.



## Key Features

### CONSTRUCTION:

- Rugged single-piece, die-cast aluminum housing with integral heat sink fins.
- Housing has direct contact with the driver to help maintain low temperature and long lifespan.
- Housing is completely sealed against moisture and environmental contaminants.

### OPTICS:

- Type III, IV, V light distribution available.
- Light engines are available in standard 4000K and 5000K configurations.
- A wide range of lumen options available, from 9,500 to 42,300 Lumens, replaces up to 1,000W metal halide.
- Impact and UV-resistant polycarbonate lens is precisely designed to give a specific light distribution, maximizing efficiency and application spacing.

### ELECTRICAL:

- Universal 120-277V or 347-480V input voltage.
- 10KV surge protection for 120-277V and 20KV surge protection for 347-480V.
- 1-10V dimming driver(s) as default.
- THD: ≤20%, Power Factor: ≥90%.

### CONTROLS:

- Optional multi-level motion sensor - BRI823.
- Optional twist-lock photocell for additional energy savings - P0 120-277V, P3 347V, or P4 480V.

### INSTALLATION:

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

### WARRANTY:

- 10 Year Limited Warranty above 105W.
- 5 Year Limited Warranty 105W and below.

### LISTINGS:

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

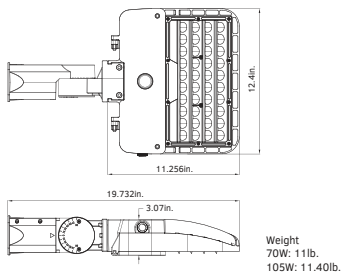
# Performance Data

## Lumen Output

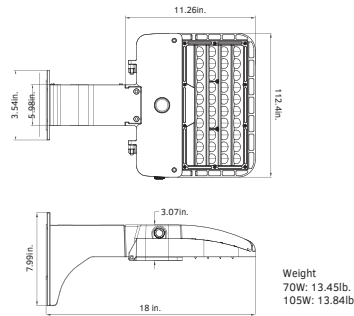
System Watts	Voltage	Beam Angle NEMA	4000K(70CRI)		5000K(70CRI)	
			Lumens	Efficacy	Lumens	Efficacy
70W	120-277V	7H*7V	9500lm	136lm/W	9500lm	136lm/W
105W	120-277V	7H*7V	13400lm	128lm/W	13400lm	128lm/W
150W	120-277V	7H*7V	21000lm	140lm/W	21150lm	141lm/W
200W	120-277V	7H*7V	27000lm	135lm/W	27200lm	136lm/W
250W	120-277V	7H*7V	34623lm	137lm/W	35250lm	141lm/W
300W	120-277V	7H*7V	42998lm	141lm/W	42300lm	141lm/W

## Dimensions & Weight

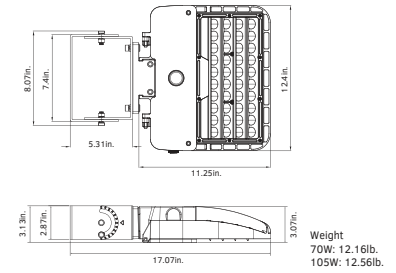
70W/105W (Slipfitter Mount)



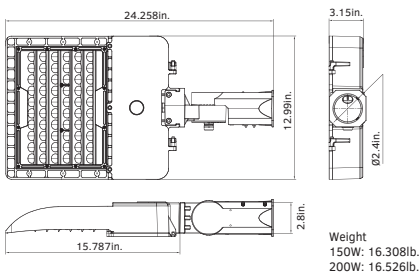
70W/105W (Wall Mount)



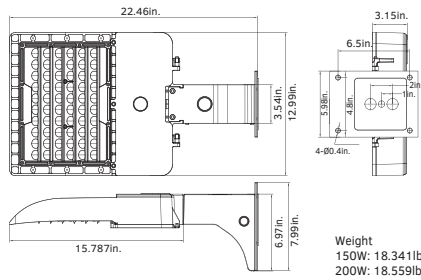
70W/105W (Yoke Mount)



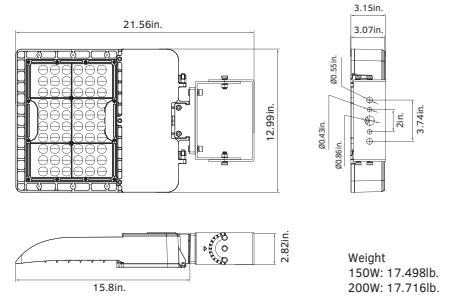
150W/200W (Slipfitter Mount)



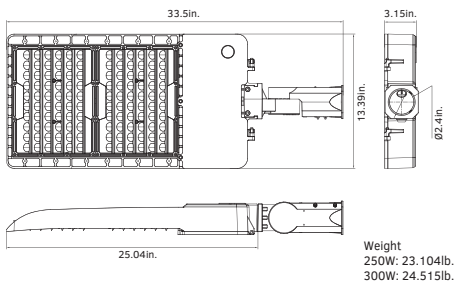
150W/200W (Wall Mount)



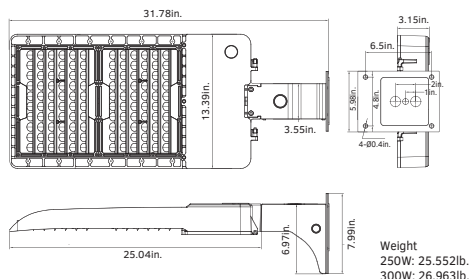
150W/200W (Yoke Mount)



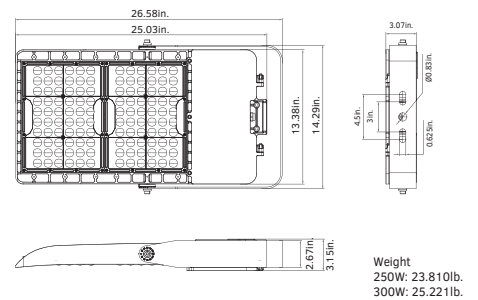
250W/300W (Slipfitter Mount)



250W/300W (Wall Mount)

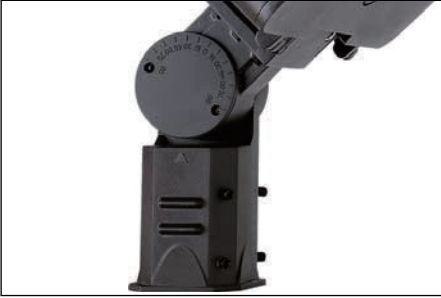


250W/300W (Trunnion Mount)



# Mounting Information

## Mounting Options



### Slipfitter Mount

An optional cast aluminum mast arm adaptor secures fixture head to nominal 2" (2-3/8" O.D. pipe size) horizontal steel tenon arm.



### Trunnion (Yoke) Mount

Die-cast trunnion can be easily adapted to many surfaces and allows for easy fixture aiming angles.



### Wall Mount

Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting.

## Additional Accessories

POLE BRACKET • For mounting one fixture on an existing pole			
	<p>4" Square Pole Mount with 2-3/8" O.D. Tenon NO. 4SQ-SP-D FINISH: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p>4" Round Pole Mount with 2-3/8" O.D. Tenon NO. 4SQR-SP-D FINISH: Dark Bronze USE: For use with round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
	<p>5" Square Pole Mount with 2-3/8" O.D. Tenon NO. 5SQ-SP-D FINISH: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p>5" Round Pole Mount with 2-3/8" O.D. Tenon NO. 5SQR-SP-D FINISH: Dark Bronze USE: For use with round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>
	<p>2-3/8" O.D. Tenon Mount Adaptor for Yoke Fixtures NO. SP-TR-D FINISH: Dark Bronze USE: The 2-3/8" O.D. Tenon Mount Adaptor for Yoke Fixtures is designed to mount GKOLED light fixtures that are equipped with a yoke mount onto a 2-3/8" O.D. tenon. It may be utilized with the GKOLED flood light series of light fixture.</p>		<p>Angle Adjustment Adaptor NO. SQA-ALDA FINISH: Dark Bronze USE: This durable bracket is engineered as a versatile mounting option. Made from die-cast aluminum, it allows for optimal positioning of the light fixture to maximize the light effectiveness both vertically and horizontally.</p>
WALL BRACKET • Attaches to any flat surface • Provides wiring access		Mid-Pole Tenon Bracket	
	<p>90° Wall Mount Bracket with 2-3/8" O.D. Tenon NO. WM-SP-D FINISH: Dark Bronze USE: The 90° Wall Mount Bracket with 2-3/8" Tenon attaches a GKOLED flood light to almost any surface, wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p>2-3/8" O.D. Horizontal Tenon Mid-Pole Bracket NO. SQ-SP-D FINISH: Dark Bronze USE: The 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount a light fixture that is equipped with an adjustable slipfitter onto a 2-3/8" OD horizontal tenon.</p>
Round External Mount Horizontal Tenon • To mount 2, 3, or 4 fixtures on an existing pole			
	<p>Double 90° Horizontal Tenon Adaptor NO. R60-SP2-90-D FINISH: Dark Bronze USE: The Bracket is designed to mount over a 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p>Triple 120° Horizontal Tenon Adaptor NO. R60-SP3-120-D FINISH: Dark Bronze USE: The Bracket is designed to mount over a 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
	<p>Double 180° Horizontal Tenon Adaptor NO. R60-SP2-180-D FINISH: Dark Bronze USE: The Bracket is designed to mount over a 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p>Quad 90° Horizontal Tenon Adaptor NO. R60-SP4-90-D FINISH: Dark Bronze USE: The Bracket is designed to mount over a 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>

# Additional Accessories

## Round External Mount Horizontal Tenon • To mount 2, 3, or 4 fixtures on an existing pole

Triple 90° Horizontal Tenon Adaptor  
 NO. R60-SP3-90-D  
 FINISH: Dark Bronze  
 USE: The Bracket is designed to mount over a 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.

# Ordering Information

## Flat Flood Light Series GKOFD04 Example: GKOFD70W27V50KBDB77SPS

Fixture Type	Wattage	Voltage	CCT	CRI	Finish	Photocell (Optional)	NEMA	Mounting	Surge Protection (Optional)
<b>GKOFD</b>	<b>70W</b> <b>105W</b>	<b>27V</b> 120-277V <b>48V</b> 347-480V	<b>40K</b> 4000K <b>50K</b> 5000K	<b>B</b> 70CRI	<b>D</b> Dark Bronze <b>B</b> Black <b>W</b> White <b>SG</b> Silver Gray	<b>P0</b> 120-277V Photocell <b>P3</b> 347V Photocell <b>P4</b> 480V Photocell <b>Blank</b> Without Photocell	<b>B77</b> 7Hx7V	<b>TR</b> Trunnion Mount <b>SP</b> Slipfitter Mount <b>WM</b> Wall Mount <b>YK</b> Yoke Mount	<b>S</b> Surge Protection <b>Blank</b> No Surge Protection

## Flat Flood Light Series GKOFD05 Example: GKOFD05300W27V50KBDP0B77TR

Fixture Type	Wattage	Voltage	CCT	CRI	Finish	Photocell (Optional)	NEMA	Mounting
<b>GKOFD05</b>	<b>150W</b> <b>200W</b> <b>250W</b> <b>300W</b>	<b>27V</b> 120-277V <b>48V</b> 347-480V	<b>40K</b> 4000K <b>50K</b> 5000K	<b>B</b> 70CRI	<b>D</b> Dark Bronze <b>B</b> Black <b>W</b> White <b>SG</b> Silver Gray	<b>P0</b> 120-277V Photocell <b>P3</b> 347V Photocell <b>P4</b> 480V Photocell <b>Blank</b> Without Photocell	<b>B77</b> 7Hx7V	<b>TR</b> Trunnion Mount <b>SP</b> Slipfitter Mount <b>WM</b> Wall Mount <b>YK</b> Yoke Mount

Note: Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification.