



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 9,000 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 9,000 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: $\leq 20\%$, Power Factor: $\geq 90\%$.

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.

LIFESPAN:

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.
- 10 Year warranty above 105W, 5 Year 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).



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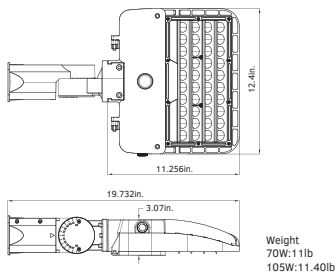
Performance Data

Lumen Output

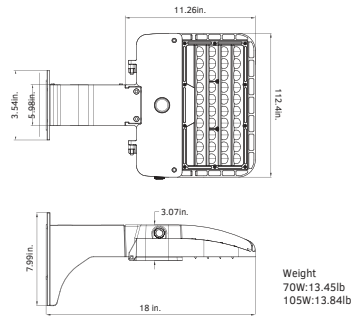
System Watts	Voltage	Beam Angle NEMA	4000K(70CRI)		5000K(70CRI)	
			Lumens	Efficacy	Lumens	Efficacy
70W	120-277V	7H*7V	9500lm	136lm/W	9500lm	136lm/W
105W	120-277V	7H*7V	13400lm	128lm/W	13400lm	128lm/W
150W	120-277V	7H*7V	21000lm	140lm/W	21500lm	141lm/W
200W	120-277V	7H*7V	27000lm	135lm/W	27200lm	136lm/W
250W	120-277V	7H*7V	35000lm	140lm/W	35250lm	141lm/W
300W	120-277V	7H*7V	42000lm	140lm/W	42300lm	141lm/W

Dimensions & Weight

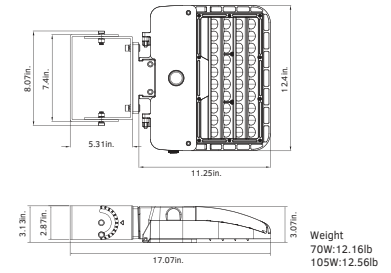
70W/105W (Slipfitter Mount)



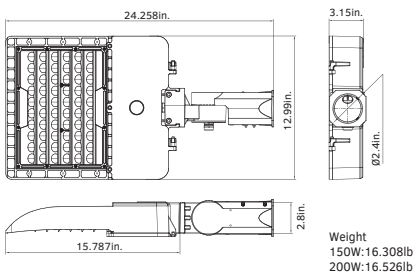
70W/105W (Wall Mount)



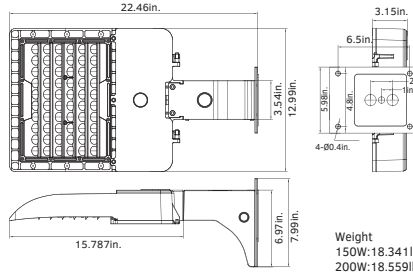
70W/105W (Yoke Mount)



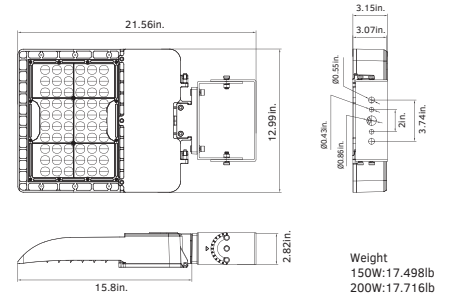
150W/200W (Slipfitter Mount)



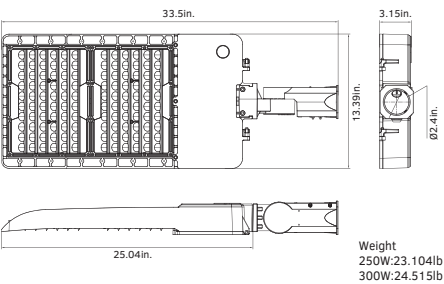
150W/200W (Wall Mount)



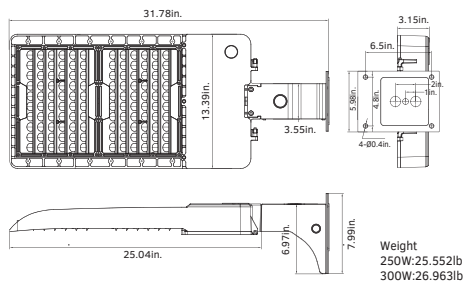
150W/200W (Yoke Mount)



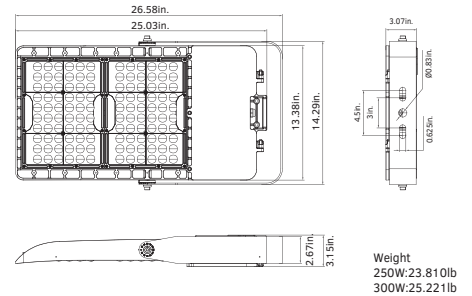
250W/300W (Slipfitter Mount)



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>		
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)
GKOFD	70W 105W	27V 120-277V 48V 347-480V	40K 4000K 50K 5000K	B 70CRI	D Dark Bronze B Black W White SG Silver Gray	P0 120-277V Photocell P3 347V Photocell P4 480V Photocell Blank Without Photocell	B77 7Hx7V	TR Trunnion Mount SP Slipfitter Mount WM Wall Mount YK Yoke Mount	S Surge Protection Blank No Surge Protection

Flat Flood Light Series GKOFD05 Example: GKOFD05300W27V50KBDP0B77TR

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

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