

# FLAT FLOOD LIGHT - TIER1 SERIES GKOFD04/G9



**GKOFD04:**  
70W



**GKOFDG9:**  
100W / 150W / 200W



**GKOFDG9:**  
240W / 300W / 350W

## Product Overview

GKOFDG9 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 51,000 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:

- Standard NEMA 7H\*7V light distribution.
- Light engines are available in standard 4000K and 5000K configurations.
- A wide range of lumen options available, from 9,500 to 51,000 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 twist-lock photocell for additional energy savings - P0 120-277V 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 (GKOFDG9).
- 5 Year Limited Warranty (GKOFD04).

### LISTINGS:

- DesignLights Consortium® (DLC) Premium qualified (GKOFDG9).
- UL listed for wet locations.
- Rated for ambient operating temperature -40°F to 113°F (-40°C to 45°C).

# Performance Data

## Lumen Output

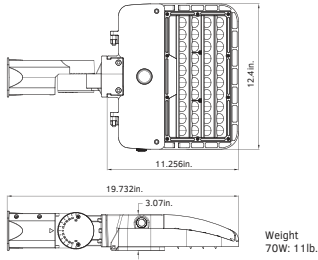
Series / Watts	Voltage	Beam Angle NEMA	4000K(70CRI)		5000K(70CRI)	
			Lumens	Efficacy	Lumens	Efficacy
GKOFD04 / 70W	120-277V	7H*7V	9500lm	138 lm/W	9500lm	136lm/W
GKOFDG9 / 100W	120-277V / 347-480V	7H*7V	14800lm	148 lm/W	14800lm	148lm/W
GKOFDG9 / 150W	120-277V / 347-480V	7H*7V	22200lm	148lm/W	22200lm	148lm/W
GKOFDG9 / 200W	120-277V / 347-480V	7H*7V	28800lm	144lm/W	28800lm	144lm/W
GKOFDG9 / 240W	120-277V / 347-480V	7H*7V	35500lm	148lm/W	35500lm	148lm/W
GKOFDG9 / 300W	120-277V / 347-480V	7H*7V	43700lm	146lm/W	43700lm	146lm/W
GKOFDG9 / 350W	120-277V / 347-480V	7H*7V	51000lm	146lm/W	51000lm	146lm/W

## Electrical Data of Series GKOFDG9 Flat Flood Light

Number of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	2600	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
		100	347	0.29
		100	480	0.21
1	3850	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31
1	5100	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42
1	6300	240	120	2.00
		240	208	1.15
		240	240	1.00
		240	277	0.87
		240	347	0.69
		240	480	0.50
1	6000	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		300	347	0.86
		300	480	0.63
1	5800	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26
		350	347	1.01
		350	480	0.73

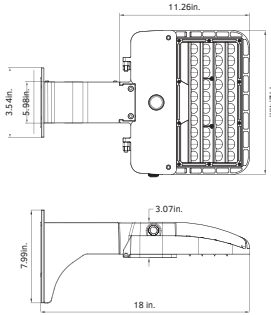
# Dimensions & Weight

## GKOFD04: 70W (Slipfitter Mount)



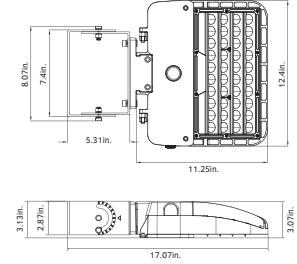
Weight  
70W: 11lb.

## GKOFD04: 70W (Wall Mount)



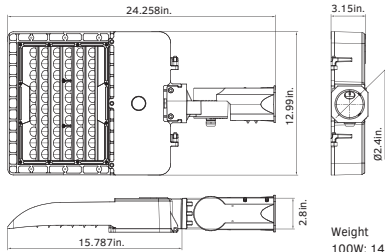
Weight  
70W: 13.45lb.

## GKOFD04: 70W (Yoke Mount)



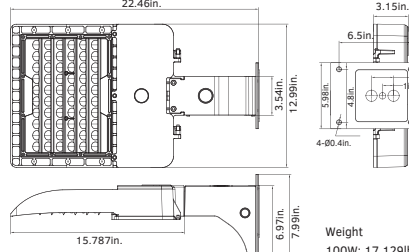
Weight  
70W: 12.16lb.

## GKOFD9: 100W/150W/200W (Slipfitter Mount)



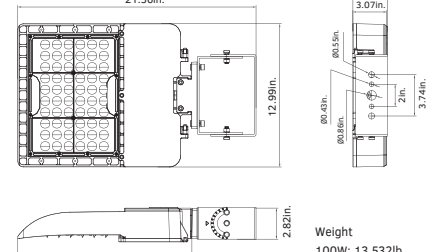
Weight  
100W: 14.638lb.  
150W: 16.308lb.  
200W: 16.526lb.

## GKOFD9: 100W/150W/200W (Wall Mount)



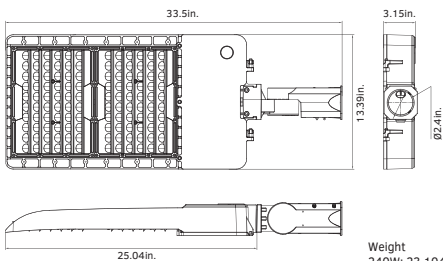
Weight  
100W: 17.129lb.  
150W: 18.341lb.  
200W: 18.559lb.

## GKOFD9: 100W/150W/200W (Yoke Mount)



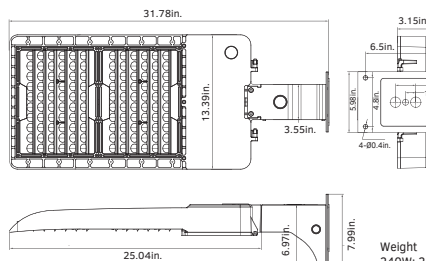
Weight  
100W: 13.532lb.  
150W: 17.498lb.  
200W: 17.716lb.

## GKOFD9: 240W/300W/350W (Slipfitter Mount)



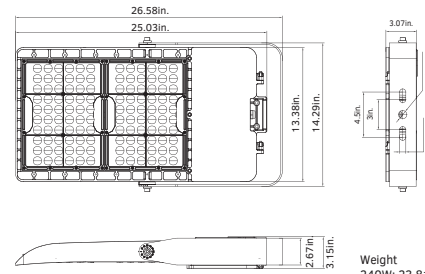
Weight  
240W: 23.104lb.  
300W: 24.515lb.  
350W: 24.515lb.

## GKOFD9: 240W/300W/350W (Wall Mount)



Weight  
240W: 25.552lb.  
300W: 26.963lb.  
350W: 26.963lb.

## GKOFD9: 240W/300W/350W (Trunnion Mount)



Weight  
240W: 23.810lb.  
300W: 25.221lb.  
350W: 25.221lb.

# 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" O.D. Horizontal Tenon Mid-Pole Bracket is designed to mount a light fixture that is equipped with an adjustable slipfitter onto a 2-3/8" O.D. 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>
	<p>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.</p>		

# Ordering Information

## Flat Flood Light Series GKOFD04

Example: GKOFD70W27V50KBDB77SPS

Fixture Type	Wattage	Voltage	CCT	CRI	Finish	Photocell (Optional)	NEMA	Mounting	Surge Protection (Optional)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>GKOFD</b>	<b>70W</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 GKOFDG9

Example: GKOFDG9300W27V50KBDP0B77TR

Fixture Type	Wattage	Voltage	CCT	CRI	Finish	Photocell (Optional)	NEMA	Mounting
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>GKOFDG9</b>	<b>100W</b> <b>150W</b> <b>200W</b> <b>240W</b> <b>300W</b> <b>350W</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](http://www.designlights.org) to confirm qualification.