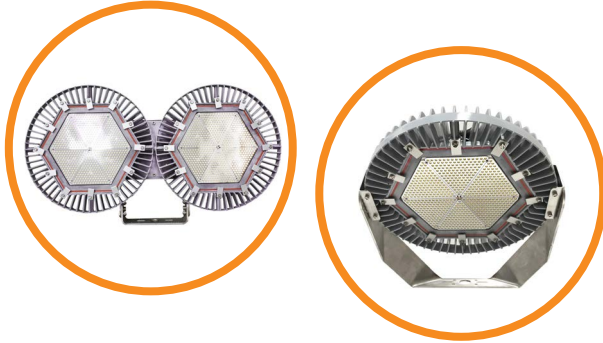


# Vigilant® LED Dual Floodlight

## Technical Specifications



### Ratings and Certifications

- 10 year warranty
- L70 rated for >150,000 hours
- CSA C22.2 No. 250
- UL 1598/A
- IP66
- IK07

\*All features not available on every model. Please refer to product part number pages for model specifics.

### Mechanical Information

<b>Fixture weight:</b>	56 lb (25.4 kg); 73 lb (33.1 kg)
<b>Shipping weight:</b>	60 lb (27.2 kg); 79 lb (35.8 kg)
<b>EPA (Sq.ft):</b>	2.69
<b>Mounting:</b>	304 stainless steel trunnion mounting bracket included
<b>Entries:</b>	(2) 3/4" NPT cable entries

### Specifications

<b>Voltage options:</b>	120-277 VAC/120-250 VAC	<b>Housing:</b>	Copper-free aluminum
	347/480 VAC	<b>Lens:</b>	Tempered glass
<b>Operating temp:</b>	-40°F to +149°F (-40°C to +65°C)	<b>CRI:</b>	75
<b>Power factor:</b>	>0.9	<b>CCT:</b>	5000K (cool white)
<b>THD:</b>	<20%		4000K (neutral white)
<b>Surge protection:</b>	Protection devices capable of handling up to 10kv. Tested for 6kv/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground		

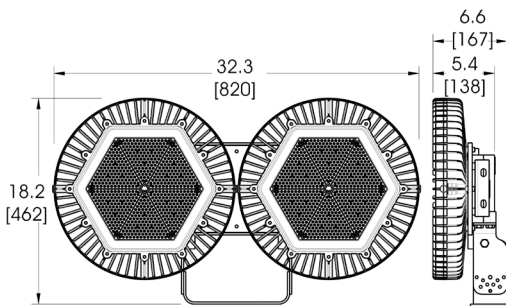
### Comparison

	Warranty	L70
Dialight LED Floodlight	10yr	>150,000
Metal Halide	1	6,000
High Pressure Sodium	1	20,000

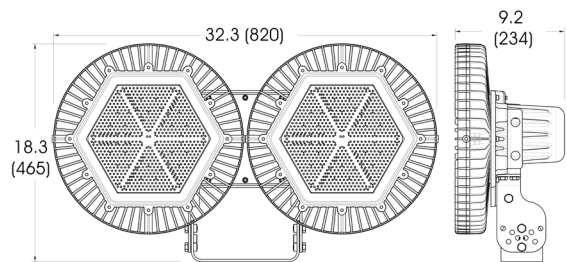
Lumens	Wattage	lm/W	Mounting Heights
55,000	424	129	50' +
53,000	424	125	↓
37,500	288	130	

### Dimensions

#### 120-277 VAC models

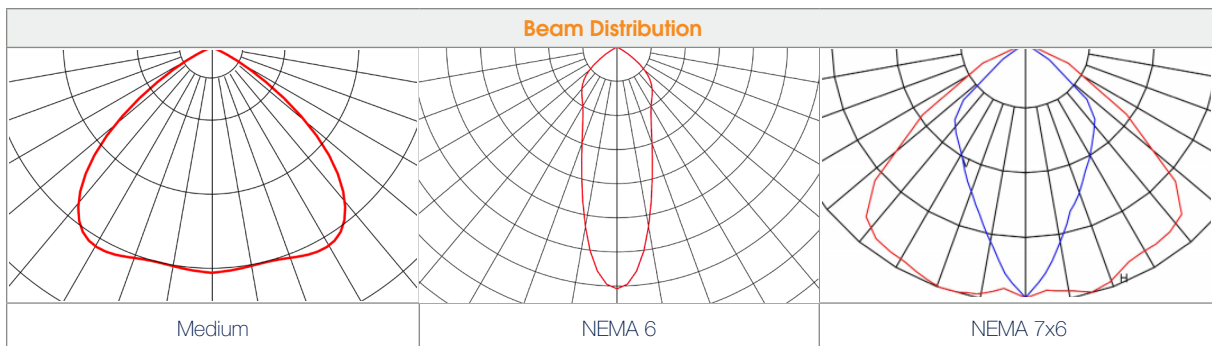


#### 347/480 VAC models



Dimensions in inches [mm]

### Beam Distribution



When ordering please refer our website [www.dialight.com](http://www.dialight.com) to view the current versions of all relevant product documentation, including the most up to date product data sheets. For the avoidance of doubt, in the event of any discrepancy between the contents of this document and information provided on our website, the information provided on our website shall prevail.

# Vigilant® LED Dual Floodlight

## Ordering Information & Accessories

### Standard Models - 120-277 VAC

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	CCT	Lens	Beam Distribution
<b>Dual Floodlight Models</b>							
FLWB66NC2NG	56,000	385	145	120-277 VAC	5000K (cool white)	Clear tempered glass	NEMA 6
FLWBM0NC2NG	54,000	385	140	120-277 VAC	5000K (cool white)	Clear tempered glass	Medium
FLWB76NC2NG	54,000	380	142	120-277 VAC	5000K (cool white)	Clear tempered glass	NEMA 7x6
FLW966NC2NG	39,000	270	144	120-277 VAC	5000K (cool white)	Clear tempered glass	NEMA 6
FLW976NC2NG	37,500	265	141	120-277 VAC	5000K (cool white)	Clear tempered glass	NEMA 7x6
<b>Single Floodlight Models</b>							
FLW666JC2NG	28,000	190	147	120-277 VAC	5000K (cool white)	Clear tempered glass	NEMA 6
FLW676JC2NG	27,000	190	142	120-277 VAC	5000K (cool white)	Clear tempered glass	NEMA 7x6

All values typical unless otherwise stated (tolerance +/- 10%).

Part numbers listed in the table above are cool white. For neutral white models, replace the 6th character (standard) / 8th character (legacy) with an **N**. For warm white models, replace the 6th character (standard) / 8th character (legacy) with a **W**.

### Standard Models - 347/480 VAC

Part Number	Fixture Lumens	Wattage		lm/W		Voltage	CCT	Lens	Beam Distribution
		347 VAC	480 VAC	347 VAC	480 VAC				
FLWB66NC5NG	56,000	457	409	122	136	347/480 VAC	5000K (cool white)	Tempered glass	NEMA 6
FLWBM0NC5NG	54,000	457	409	118	132	347/480 VAC	5000K (cool white)	Tempered glass	Medium
FLWB76NC5NG	54,000	452	404	119	133	347/480 VAC	5000K (cool white)	Tempered glass	NEMA 7x6
FLW966NC5NG	39,000	342	294	114	132	347/480 VAC	5000K (cool white)	Tempered glass	NEMA 6
FLW976NC5NG	37,500	337	289	111	129	347/480 VAC	5000K (cool white)	Tempered glass	NEMA 7x6

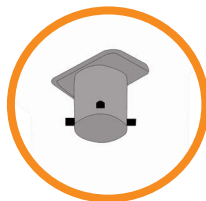
All values typical unless otherwise stated (tolerance +/- 10%).

Part numbers listed in the table above are cool white. For neutral white models, replace the 6th character (standard) / 8th character (legacy) with an **N**. For warm white models, replace the 6th character (standard) / 8th character (legacy) with a **W**.



#### HZXCBL2

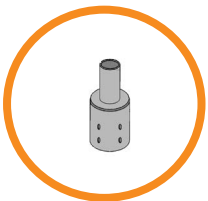
- Stainless steel safety cable kit



#### FLX-1TPT-20DB

- Tenon pole topper, 2-3/8" mount

\*Bracket and adapters below require tenon adapter (FLX-1TPT-20DB) to mount floodlight. Tenon adapter is sold separately.

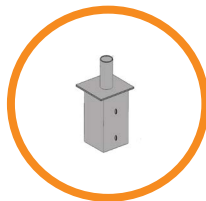


#### FLX-3RPA-20DB

- Reducer for 3" OD round pole top to 2-3/8" light mount

#### FLX-4RPA-20DB

- Reducer for 4" OD round pole top to 2-3/8" light mount



#### FLX-4SPA-20DB

- Internal tenon adapter for 4" square pole top to 2-3/8" light mount

#### FLX-5SPA-20DB

- Internal tenon adapter for 5" square pole top to 2-3/8" light mount

#### FLX-6SPA-20DB

- Internal tenon adapter for 6" square pole top to 2-3/8" light mount