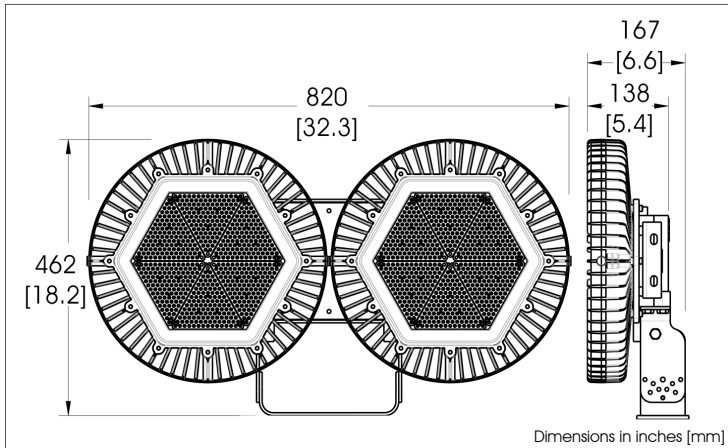




Patent pending

## Vigilant® LED Floodlight - CE



Dimensions in inches [mm]

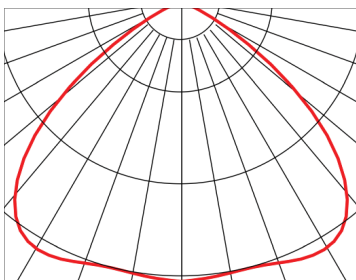
### Certifications & Ratings

- CE
- EN 55015
- EN 61547
- EN 60598
- EN 62031
- EN 62471
- IP66 to EN60529

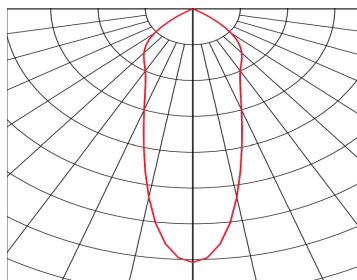
### Features & Benefits

- 10 year full performance warranty
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Universal input (100-277V AC, 50/60Hz)
- Superior color rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Safety tabs provided for secondary retention

### Light Distribution Patterns



Medium Distribution



Narrow Distribution

### Application:

The Vigilant® LED Floodlight represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This product incorporates both cutting edge LED technology along with proprietary optics to achieve flood lighting comparable with other traditional light sources.

### Mechanical Information

Fixture Weight:	23 kg (56 lb)
Shipping Weight:	27 kg (60 lb)
EPA (Sq.ft):	2.69
Mounting:	Stainless steel trunion mounting bracket included
Entries:	(2) M20 cable entries

### Electrical specifications

Operating Voltage:	100 - 277V AC, 50/60Hz
Power Consumption:	See ordering information table
Operating Temp:	-40°C to +65°C (-40°F to +149°F)

### Noise Requirements/ EMC:

EN 55015 - conducted and radiated  
 EN 61000-3-2  
 EN 61000-4-3  
 EN 61000-4-4  
 EN 61000-4-6  
 EN 61000-4-11

### Surge Protection:

Verified up to 6kV/2ohms at an independent test laboratory

### THD:

<20%

### Power Factor:

> 0.9

### Construction

Housing:	Copper-free aluminium
Finish:	Polyester / epoxy powder coat grey RAL 7040 for superior corrosion resistance
Lens:	Tempered glass

### Photometric Information

CRI:	75
CCT:	5000K (cool white)
Beam Patterns:	Medium Narrow
IES Files:	available at <a href="http://www.dialight.com">www.dialight.com</a>



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

# Vigilant® LED Floodlight - CE



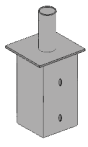
## Ordering Information

Part number	Light Distribution	CCT (colour)	Input Voltage	Fixture Lumens	Wattage	Lumens per Watt
FLEB66MC2NG	Narrow Distribution	5000K (cool white)	100 - 277V AC	55,000	424	130
FLEBM0MC2NG	Medium Distribution	5000K (cool white)	100 - 277V AC	53,000	424	125
FLE966MC2NG	Narrow Distribution	5000K (cool white)	100 - 277V AC	37,500	288	130

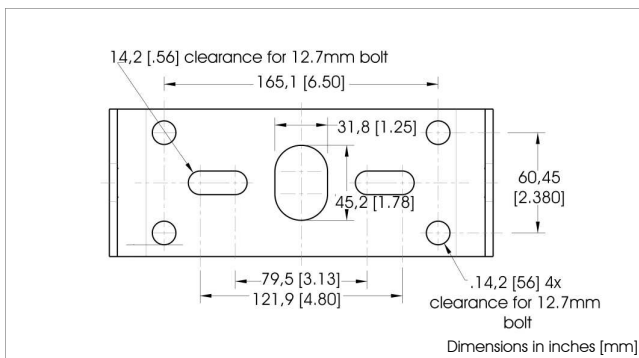
## Mounting Options

	Part Number	Description	KIT includes
Safety cable			
	HZXCBL2	Safety cable Kit	2 Safety cables
Tenon adapter (bronze) <sup>1</sup>			
	FLX-1TPT-20DB	Tenon pole topper, 2-3/8" mount	Tenon topper, pole set screws, and mounting hardware

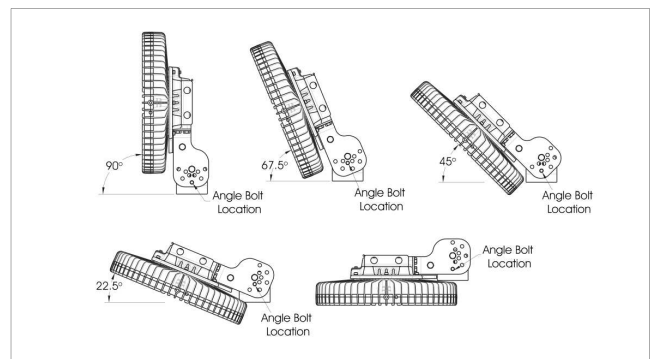
<sup>1</sup>Bracket and adapters below require tenon adapter (fix-1tpt-20db) to mount floodlight. Tenon adapter is sold separately.

	Part Number	Description	KIT includes
Right angle bracket (bronze)			
	FLX-1RAB-20DB	Right angle mounting bracket for 2-3/8" light mount	Right angle bracket
Round tenon adapter (bronze)			
	FLX-3RPA-20DB	Reducer for 3" OD round pole top to 2-3/8" light mount	Reducer Pole set screws
	FLX-4RPA-20DB	Reducer for 4" OD round pole top to 2-3/8" light mount	Reducer Pole set screws
Square tenon adapter (bronze)			
	FLX-4SPA-20DB	Internal tenon adapter for 4" square pole top to 2-3/8" light mount	Adapter
	FLX-5SPA-20DB	Internal tenon adapter for 5" square pole top to 2-3/8" light mount	Adapter
	FLX-6SPA-20DB	Internal tenon adapter for 6" square pole top to 2-3/8" light mount	Adapter

## Factory Installed Mounting Bracket Dimensions



## Mounting Options



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