

DuroSite® LED Floodlight - UL / CSA for Outdoor Industrial Applications





On when it matters most.

Products and solutions that protect your business





Features & Benefits

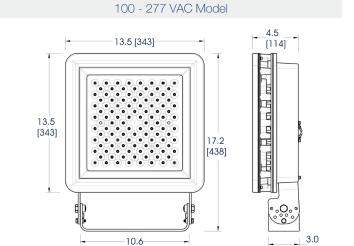
- 10 year warranty
- L70 rated for >100,000 hours @ 25°C ambient
- DLC listed (Glass models only)
- Instant on/off operation
- Universal input (100-277 VAC, 50/60Hz or 347/480 VAC, 60Hz)
- Superior color rendition index compared to HPS, LPS, MV
- Resistant to shock and vibration
- Isolated wiring compartment
- Integral safety straps
- Temperature compensation technology for longer life

Application

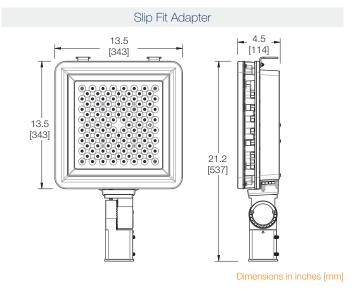
The DuroSite® LED Floodlight represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both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

Standard Models





269



Certifications & Ratings

- UL 1598/A*
- CSA C22.2 No. 250*
- NEMA 4X

- IK07 (Glass) / IK10 (Polycarbonate)
- ABS # 14-HS1209388-PDA

Mechanical Information:

30 lb (13.6 kg) Fixture weight: 34 lb (15.4 kg) Shipping weight:

EPA (Sq.ft): 1.66

Mounting: 304 Stainless steel trunnion mounting

bracket included as standard Optional slip fit adapter

Entries: (2) 3/4" NPT cable entries

Electrical Specifications:

Operating voltage: 100-277 VAC, 50/60Hz

347/480 VAC, 60Hz

Power consumption: See table

-40°F to +149°F (-40°C to +65°C) Operating temp:

Noise requirement /EMC: EN 55015 - conducted and radiated

FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m,

80MHz-1GHz

Verified up to 6kV/2ohms at an Surge protection:

independent test laboratory protection

devices capable of 20kV

THD: < 20% Power factor: > 0.9

Construction:

76

Dimensions in inches [mm]

Housing: Copper-free aluminum

Finish: Superior dual coat finish Sealed polyester topcoat

Chemical resistant epoxy primer

Lens1: Tempered glass Polycarbonate

Photometric Information:

CRI:

5000K (cool white) 4000K (neutral white) CCT:

NEMA Patterns:

7x6 - Asymmetrical (140° x 115°) 6x7 - Asymmetrical (115° x 140°) 6 - Very wide (115°)

5 - Wide (93°) Medium (52°) 2 - Narrow (23°)

IES files: Available at www.dialight.com

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

For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide: www.dialight.com/pubs/MDTFCHEMRFLX001.PDF

Mounting Accessories and Light Distribution Patterns



HZXSAFECBLS

- Safety cable kit
- Kit includes: (2) Safety cables



FLX-1TPT-20DB

- Tenon pole topper, 2-3/8" mount
- Kit includes: Tenon topper, pole set screws, and mounting hardware



FLX-1RAB-20DB

- Right angle mounting bracket for 2-3/8" light mount
- Kit includes: Right angle bracket



FLX-3RPA-20DB FLX-4RPA-20DB

- Reducer for 3" or 4" OD round pole top to 2-3/8" light mount
- Kit includes: Reducer pole set screws



FLX-4SPA-20DB FLX-5SPA-20DB FLX-6SPA-20DB

- Internal tenon adapter for 4", 5" or 6" square pole top to 2-3/8" light mount
- Kit includes: Adapter



FLX-2LBH-20DB

- Bull horn for 2 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws



FLX-3LBH-20DB

- Bull horn for 3 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws



FLX-4LBH-20DB

- Bull horn for 4 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws



FLX-4RBH-20DB

- Bull horn for 4 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws



FLX-2RSR-20DB

- Bull horn for 2 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws



FLX-3RSR-20DB

- Bull horn for 3 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws

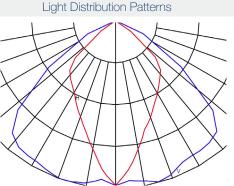


FLX-4RSR-20DB

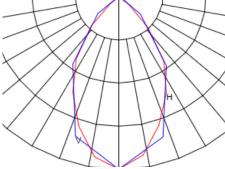
- Bull horn for 4 lights, 2-3/8" mount, 21" spacing
- Kit includes: Bull horn, pole set screws

Brackets and adapters require the tenon pole topper (FLX-1TPT-20DB) to mount floodlight. Tenon pole topper sold separately.

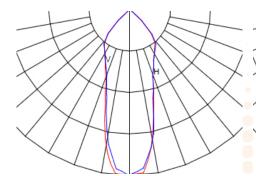
Field angle = 140° x 115°



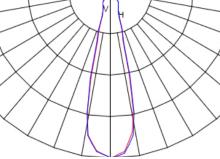
Field angle = 115° x 140°



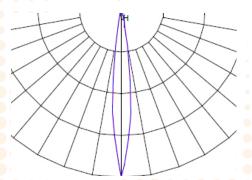
Field angle = 115°



Field angle = 93°



Field angle = 52°



Field angle = 23°

Mounting Options

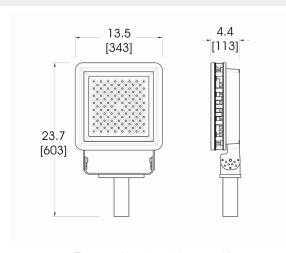


Bracket has locking positions at 0°, (\pm) 22.5°, (\pm) 45°, (\pm) 67.5°, and 90°



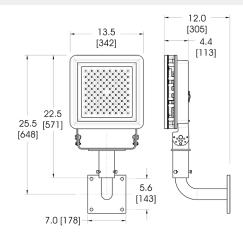
Mount to 2" round poles (2 - 3/8" OD) (UL 1598 Only) Bracket has locking positions from 0° - 180°, in 5° increments Gasketed wiring compartment

FLX-1TPT-20DB



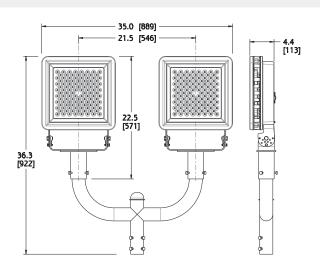
(Fixture and bracket sold separately)

FLX-1RAB-20DB



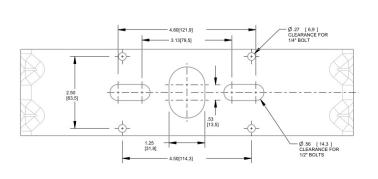
(Fixture and bracket sold separately)

FLX-2LBH-20DB



(Fixture and bracket sold separately)

Factory Installed Mounting Bracket



Ordering Information and Light Distribution Pattern

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Color	Light Distribution
			100-277 VAC N	Nodels - Glass Lens		
FLW466NC4NG	15,000	135	111	100-277 VAC	5000K (cool white)	NEMA 6 (115°)
FLW476NC4NG	14,750	135	109	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)
FLW467NC4NG	14,750	135	109	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)
FLW455NC4NG	14,500	140	104	100-277 VAC	5000K (cool white)	NEMA 5 (93°)
FLW444NC4NG	14,500	140	104	100-277 VAC	5000K (cool white)	NEMA 4 (52°)
FLW422NC4NG	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 2 (23°)
FLW276NC2NG	11,500	106	108	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)
FLW267NC2NG	11,500	106	108	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)
FLW266NC2NG	11,250	106	106	100-277 VAC	5000K (cool white)	NEMA 6 (115°)
FLW255NC2NG	11,000	106	104	100-277 VAC	5000K (cool white)	NEMA 5 (93°)
FLW244NC2NG	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 4 (52°)
FLW222NC2NG	10,750	106	101	100-277 VAC	5000K (cool white)	NEMA 2 (23°)
			100-277 VAC Mode	els - Polycarbonate L	ens	
FLW466NC4NP	14,000	135	104	100-277 VAC	5000K (cool white)	NEMA 6 (115°)
FLW476NC4NP	13,750	135	102	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)
FLW467NC4NP	13,750	135	102	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)
FLW455NC4NP	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 5 (93°)
FLW444NC4NP	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 4 (52°)
FLW422NC4NP	12,500	140	89	100-277 VAC	5000K (cool white)	NEMA 2 (23°)
FLW276NC2NP	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)
FLW267NC2NP	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)
FLW266NC2NP	10,250	106	97	100-277 VAC	5000K (cool white)	NEMA 6 (115°)
FLW255NC2NP	10,000	106	94	100-277 VAC	5000K (cool white)	NEMA 5 (93°)
FLW244NC2NP	9,500	106	89	100-277 VAC	5000K (cool white)	NEMA 4 (52°)
FLW222NC2NP	9,750	106	92	100-277 VAC	5000K (cool white)	NEMA 2 (23°)
			347/480 VAC Mo	dels - Glass Lens On	ly	
FLW276NC5NG	11,750	112	105	347/480 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)
FLW266NC5NG	11,250	112	100	347/480 VAC	5000K (cool white)	NEMA 6 (115°)
FLW255NC5NG	10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 5 (93°)
FLW244NC5NG	10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 4 (52°)
FLW222NC5NG	10.000	112	89	347/480 VAC	5000K (cool white)	NEMA 2 (23°)

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

To order 100-277 VAC floodlight with slip fit adapter, please replace the 7th character with an \underline{S} . Ex: FLW244 \underline{N} C2NG becomes FLW244 \underline{S} C2NG Part numbers listed in the table above are powder coated gray. For bronze powder, coat replace the 10th character with \underline{Z} . FLW244NC2 \underline{N} G becomes FLW244NC2 \underline{N} G becomes FLW266N \underline{N} 2NG. Part numbers listed in the table above are provided in Cool White. For Neutral White, replace the 8th character with \underline{N} . Ex: FLW266N \underline{N} 2NG becomes FLW266N \underline{N} 2NG.

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