DuroSite® LED Floodlight

Technical Specifications

Ratings and Certifications

- 10 year warranty
- L70 rated for >100,000 hours
- CSA C22.2 No. 250
- UL 1598/A
- IP66/67
- IK07 (glass) / IK10 (polycarbonate)
- NEMA 4X

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

Mechanical Information

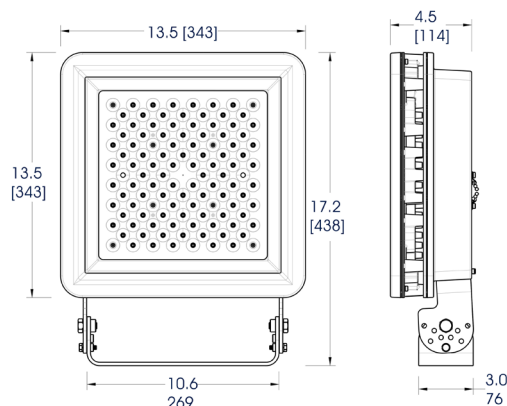|	
Fixture weight:	30 lb (13.6 kg)
Shipping weight:	34 lb (15.4 kg)
EPA (Sq.ft):	1.66 sq.ft
Cabling:	304 stainless steel trunnion mounting bracket included
Entry:	(2) 3/4" NPT cable entry

Specifications

Voltage options:	100-277 VAC	Housing:	Copper-free aluminum
	347-480 VAC	Lens:	Tempered glass
			Polycarbonate
Operating temp:	-40°F to +149°F (-40°C to +65°C)	CRI:	75
Power factor:	>0.9	CCT:	5000K (cool white)
THD:	<20%		4000K (neutral white)
Surge protection:	IEC 61000-4-5 6kV line-to-line, 6kV line-to-ground		

Comparison

	Warranty	L70
Dialight LED Floodlight	10yr	>100,000
Metal Halide	1	6,000
High Pressure Sodium	1	20,000

Lumens	Wattage	lm/W	Mounting Heights
15,000	135	111	30'
14,750	135	109	
13,500	140	96	
11,500	106	108	
11,250	106	106	
11,000	106	104	
10,750	106	101	
10,500	106	99	15'

Dimensions

13.5 [343]
4.5 [114]
13.5 [343]
17.2 [438]
10.6 269
3.0 76

Dimensions in inches [mm]

When ordering please refer our website 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.

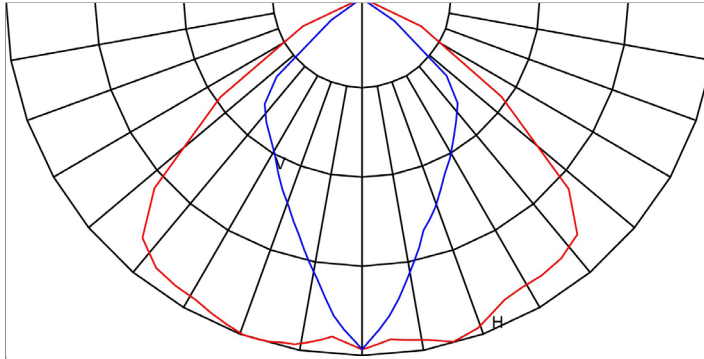# DuroSite® LED Floodlight
Ordering Information

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

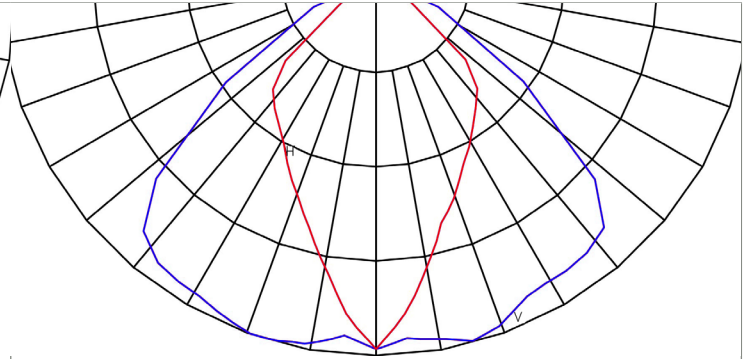All values typical unless otherwise stated (tolerance +/- 10%).
Part numbers listed in the table above are cool white. For neutral white models, replace the 8th character with an **N**. For bronze powder coat, replace the 10th character with a **Z**.

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www.dialight.com   39
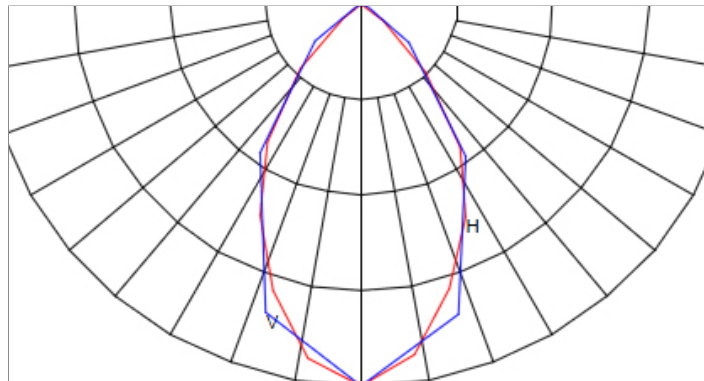
DuroSite® LED Floodlight
Beam Distributions

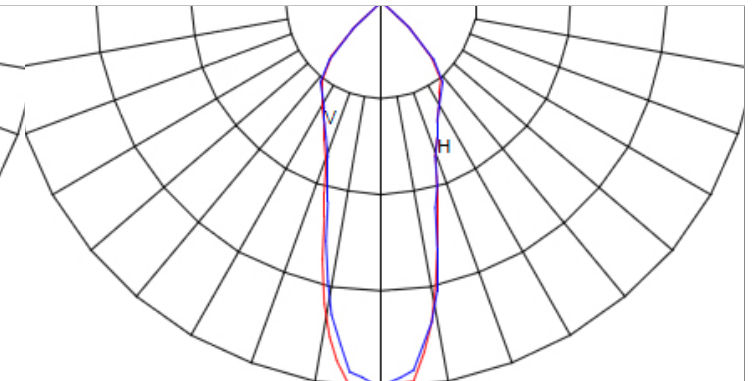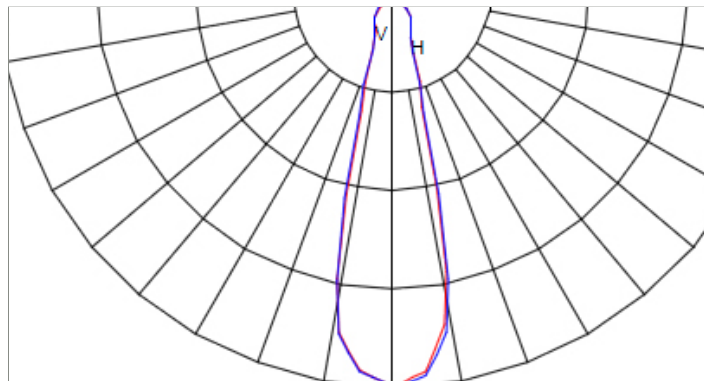NEMA 7x6
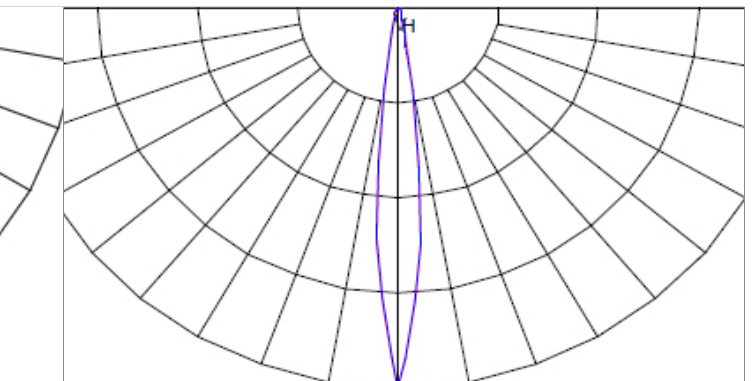Field angle=140º x 115º

NEMA 6x7
Field angle= 115º x 140º

NEMA 6
Field angle = 115º
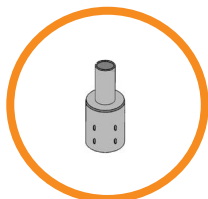
NEMA 5
Field angle = 93º

NEMA 4
Field angle = 52º

NEMA 2
Field angle = 23º

DuroSite® LED Floodlight
Accessories

FLX-3RPA-20DB
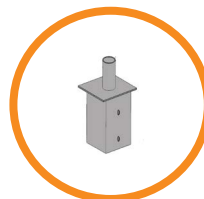- Reducer for 3" OD round pole top to 2-3/8" light mount

FLX-4RPA-20DB
- Reducer for 4" OD round pole top to 2-3/8" light mount
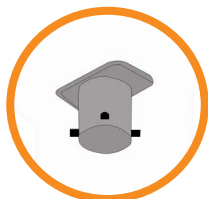
HZXCBL2
- Stainless steel safety cable kit

FLX-4SPA-20DB
- Internal tenon adapter for 4" square pole top to 2-3/8" light mount

FLX-5SPA-20DB
- 5" square pole top to 2-3/8" light mount

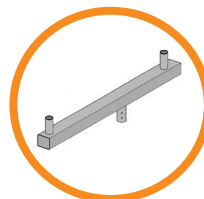**FLX-6SPA-20DB**
- 6" square pole top to 2-3/8" light mount

FLX-1TPT-20DB
- Tenon pole topper, 2-3/8" mount
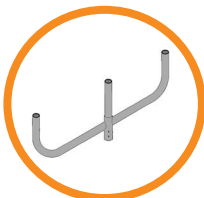
FLX-1RAB-20DB
- Tenon pole topper, 2-3/8" mount

FLX-2RSR-20DB
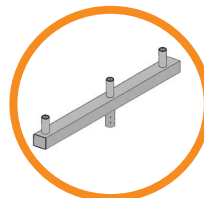- Round square round bracket for 2 lights, 2-3/8" mount, 21" spacing

FLX-2LBH-20DB
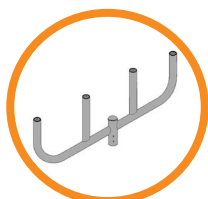- Bull horn for 2 lights, 2-3/8" mount, 21" spacing

FLX-3LBH-20DB
- Bull horn for 3 lights, 2-3/8" mount, 21" spacing

FLX-3RSR-20DB
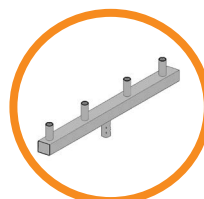- Round square round bracket for 3 lights, 2-3/8" mount, 21" spacing

FLX-4LBH-20DB
- Bull horn for 4 lights, 2-3/8" mount, 21" spacing

FLX-4RBH-20DB
- Bull horn for 4 lights in star configuration, 2-3/8" mount, 21" spacing

FLX-4RSR-20DB
- Round square round bracket for 4 lights, 2-3/8" mount, 21" spacing