



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





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 rendering index compared to HPS, LPS, MH
- Resistant to shock and vibration
- Isolated wiring compartment
- Integral safety straps
- Temperature compensation technology for longer life

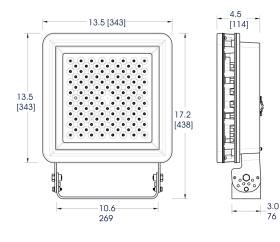
Application

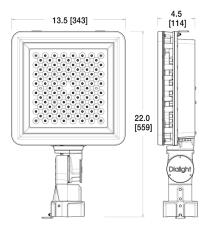
The DuroSite® LED Floodlight represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both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

DuroSite[®] LED Floodlight - UL / CSA

Standard Model & Slipfitter Model







Dimensions in inches [mm]

Certifications & Ratings

- UL 1598/A*
- CSA C22.2 No. 250*
- NEMA 4X
- IP66/67
- *ETI_listed

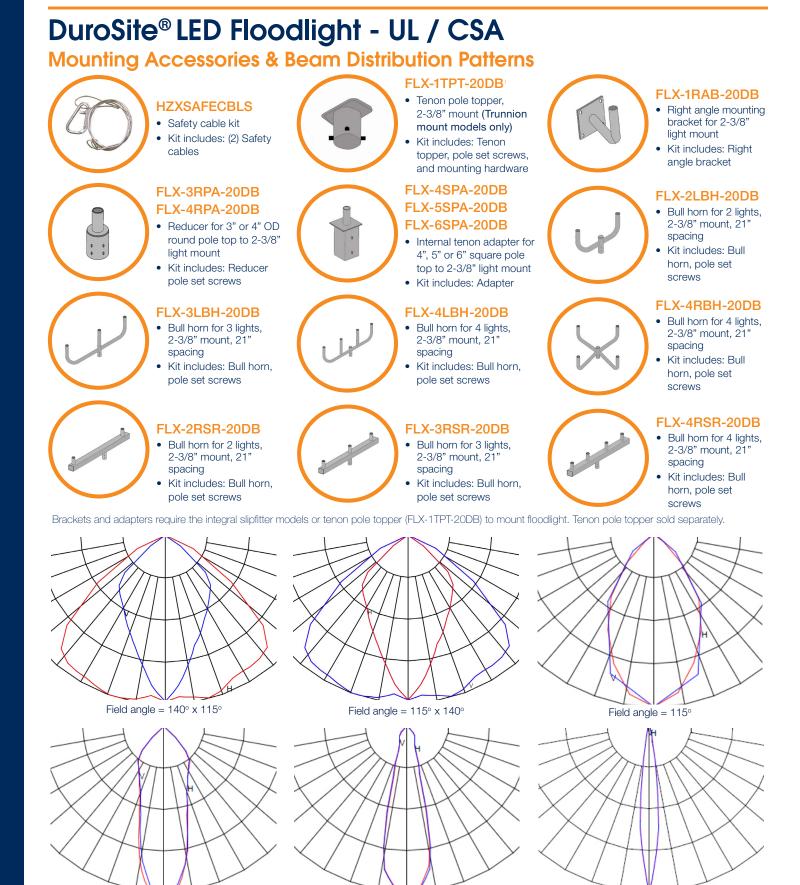
- IK07 (Glass) / IK10 (Polycarbonate)
- ABS # 14-HS1209388-PDA
 (Trunnion mount models only)

Mechanical Informatio	on:						
Fixture weight:	30 lb (13.6 kg)						
Shipping weight:	35 lb (15.9 kg)						
EPA (Sq.ft):	1.66						
Mounting:	- 304 Stainless Steel trunnion mount bracket (standard) - Integral slipfitter (optional)						
Entries:	(2) 3/4" NPT cable entries (Trunnion mount models only)						
Electrical Specifications:							
Operating voltage:	100-277 VAC, 50/60Hz 347/480 VAC, 60Hz						
Power consumption:	See table						
Operating temp:	-40°F to +149°F (-40°C to +65°C)						
Noise requirement /EMC:	EN 55015 - conducted and radiated FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz						
Surge protection:	Verified up to 6kV/2ohms at an independent test laboratory protection devices capable of 20kV						
THD:	< 20%						
Power factor:	> 0.9						
Construction:							
Housing:	Copper-free aluminum						
Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical resistant epoxy primer						
Lens:	Tempered glass Polycarbonate						
Photometric Information:							
CRI:	75						
CCT:	5000K (cool white) 4000K (neutral white)						
NEMA Patterns:	7x6 - Asymmetrical (140° x 115°) 6x7 - Asymmetrical (115° x 140°) 6 - Very wide (115°) 5 - Wide (93°) 4 - Medium (52°) 2 - Narrow (23°)						
IES files:	Available at www.dialight.com						

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

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended applicable long, and () ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

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Field angle = 93°

Field angle = 52°

Field angle = 23°

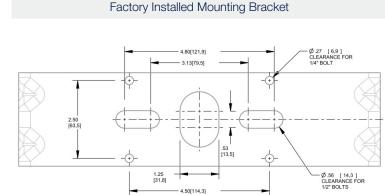
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to <u>www.dialight.com</u> for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at <u>www.dialight.com</u> as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document to information provided at <u>www.dialight.com</u>, the latter shall prevail.

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DuroSite[®] LED Floodlight - UL / CSA Mounting Options

Standard Models



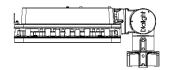


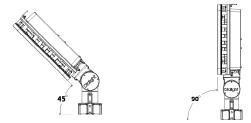
Bracket has locking positions at 0°, (±) 22.5°, (±) 45°, (±) 67.5°, and 90°

Slipfitter Models



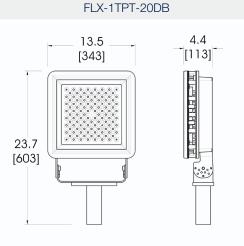
Mount to 2" round poles (2-3/8" OD) Integrated Slipfitter has locking positions from 0°-180°, in 7.5° increments Gasketed wiring compartment 0°, 45°, 90° Angles





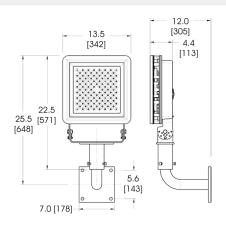
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DuroSite[®] LED Floodlight - UL / CSA Mounting Options

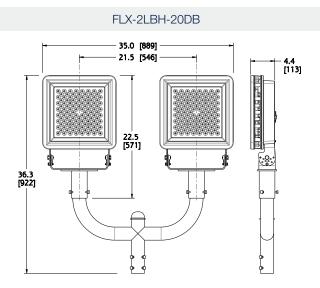


(Fixture and bracket sold separately)

FLX-1RAB-20DB



(Fixture and bracket sold separately)



(Fixture and bracket sold separately)

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DuroSite[®] LED Floodlight - UL / CSA Ordering Information - Standard Model

Legacy Part Number	New Part Number	Fixture Lumens	Wattage	lm/W	Voltage	ССТ	Beam Distribution				
100-277 VAC Models - Glass Lens											
FLW466NC4NGLX	FLU76B2BNTNNGNLX	15,000	135	111	100-277 VAC	5000K (cool white)	NEMA 6 (115°)				
FLW476NC4NGLX	FLU77B2BNTNNGNLX	14,750	135	109	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)				
FLW467NC4NGLX	FLU78B2BNTNNGNLX	14,750	135	109	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)				
FLW455NC4NGLX	FLU75B2BNTNNGNLX	14,500	140	104	100-277 VAC	5000K (cool white)	NEMA 5 (93°)				
FLW444NC4NGLX	FLU74B2BNTNNGNLX	14,500	140	104	100-277 VAC	5000K (cool white)	NEMA 4 (52°)				
FLW422NC4NGLX	FLU72B2BNTNNGNLX	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 2 (23°)				
FLW276NC2NGLX	FLU77B2ANTNNGNLX	11,500	106	108	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)				
FLW267NC2NGLX	FLU78B2ANTNNGNLX	11,500	106	108	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)				
FLW266NC2NGLX	FLU76B2ANTNNGNLX	11,250	106	106	100-277 VAC	5000K (cool white)	NEMA 6 (115°)				
FLW255NC2NGLX	FLU75B2ANTNNGNLX	11,000	106	104	100-277 VAC	5000K (cool white)	NEMA 5 (93°)				
FLW244NC2NGLX	FLU74B2ANTNNGNLX	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 4 (52°)				
FLW222NC2NGLX	FLU72B2ANTNNGNLX	10,750	106	101	100-277 VAC	5000K (cool white)	NEMA 2 (23°)				
		100-277	VAC Models	s - Polycark	oonate Lens						
FLW466NC4NPLX	FLU46B2BNTNNGNLX	14,000	135	104	100-277 VAC	5000K (cool white)	NEMA 6 (115°)				
FLW476NC4NPLX	FLU47B2BNTNNGNLX	13,750	135	102	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)				
FLW467NC4NPLX	FLU48B2BNTNNGNLX	13,750	135	102	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)				
FLW455NC4NPLX	FLU45B2BNTNNGNLX	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 5 (93°)				
FLW444NC4NPLX	FLU44B2BNTNNGNLX	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 4 (52°)				
FLW422NC4NPLX	FLU42B2BNTNNGNLX	12,500	140	89	100-277 VAC	5000K (cool white)	NEMA 2 (23°)				
FLW276NC2NPLX	FLU47B2ANTNNGNLX	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)				
FLW267NC2NPLX	FLU48B2ANTNNGNLX	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)				
FLW266NC2NPLX	FLU46B2ANTNNGNLX	10,250	106	97	100-277 VAC	5000K (cool white)	NEMA 6 (115°)				
FLW255NC2NPLX	FLU45B2ANTNNGNLX	10,000	106	94	100-277 VAC	5000K (cool white)	NEMA 5 (93°)				
FLW244NC2NPLX	FLU44B2ANTNNGNLX	9,500	106	90	100-277 VAC	5000K (cool white)	NEMA 4 (52°)				
FLW222NC2NPLX	FLU42B2ANTNNGNLX	9,750	106	92	100-277 VAC	5000K (cool white)	NEMA 2 (23°)				
		347/48	0 VAC Mode	els - Glass	Lens Only						
FLW466NC5NGLX	FLU76B5BNTNNGNLX	15,000	135	111	347/480 VAC	5000K (cool white)	NEMA 6 (115°)				
FLW476NC5NGLX	FLU77B5BNTNNGNLX	14,750	135	109	347/480 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)				
FLW467NC5NGLX	FLU78B5BNTNNGNLX	14,750	135	109	347/480 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)				
FLW455NC5NGLX	FLU75B5BNTNNGNLX	14,500	140	104	347/480 VAC	5000K (cool white)	NEMA 5 (93°)				
FLW444NC5NGLX	FLU74B5BNTNNGNLX	14,500	140	104	347/480 VAC	5000K (cool white)	NEMA 4 (52°)				
FLW422NC5NGLX	FLU72B5BNTNNGNLX	13,500	140	96	347/480 VAC	5000K (cool white)	NEMA 2 (23°)				
FLW276NC5NGLX	FLU77B5ANTNNGNLX	11,750	112	105	347/480 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)				
FLW267NC5NGLX	FLU78B5ANTNNGNLX	11,750	112	105	347/480 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)				
FLW266NC5NGLX	FLU76B5ANTNNGNLX	11,250	112	100	347/480 VAC	5000K (cool white)	NEMA 6 (115°)				
FLW255NC5NGLX	FLU75B5ANTNNGNLX	10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 5 (93°)				
FLW244NC5NGLX	FLU74B5ANTNNGNLX	10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 4 (52°)				
FLW222NC5NGLX	FLU72B5ANTNNGNLX	10,000		89	347/480 VAC	5000K (cool white)	NEMA 2 (23°)				
FLW222NC5NGLA	I LU/2DJAINTININGINLA	10,000	112	09	341140U VAU		INEIVIA Z (Z31)				

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

Part numbers listed in the table above are powder coated gray. For trunnion mount models with bronze powder coat, replace the 10th character with Z.

Ex: FLW244NC2NG becomes FLW244NC2ZG.

Part numbers listed in the table above are provided in Cool White. For Neutral White, replace the 8th character with N. Ex: FLW266NC2NG becomes FLW266NN2NG.

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DuroSite® LED Floodlight - UL / CSA Ordering Information - Slipfitter Model

Legacy Part Number	New Part Number	Fixture Lumens	Wattage	lm/W	Voltage	ССТ	Beam Distribution			
		100-	277 VAC Mo	odels - Gla	ss Lens					
FLW466SC4NGLX	FLU76B2BNSNNGNLX	15,000	135	111	100-277 VAC	5000K (cool white)	NEMA 6 (115°)			
FLW476SC4NGLX	FLU77B2BNSNNGNLX	14,750	135	109	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)			
FLW467SC4NGLX	FLU78B2BNSNNGNLX	14,750	135	109	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)			
FLW455SC4NGLX	FLU75B2BNSNNGNLX	14,500	140	104	100-277 VAC	5000K (cool white)	NEMA 5 (93°)			
FLW444SC4NGLX	FLU74B2BNSNNGNLX	14,500	140	104	100-277 VAC	5000K (cool white)	NEMA 4 (52°)			
FLW422SC4NGLX	FLU72B2BNSNNGNLX	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 2 (23°)			
FLW276SC2NGLX	FLU77B2ANSNNGNLX	11,500	106	108	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)			
FLW267SC2NGLX	FLU78B2ANSNNGNLX	11,500	106	108	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)			
FLW266SC2NGLX	FLU76B2ANSNNGNLX	11,250	106	106	100-277 VAC	5000K (cool white)	NEMA 6 (115°)			
FLW255SC2NGLX	FLU75B2ANSNNGNLX	11,000	106	104	100-277 VAC	5000K (cool white)	NEMA 5 (93°)			
FLW244SC2NGLX	FLU74B2ANSNNGNLX	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 4 (52°)			
FLW222SC2NGLX	FLU72B2ANSNNGNLX	10,750	106	101	100-277 VAC	5000K (cool white)	NEMA 2 (23°)			
100-277 VAC Models - Polycarbonate Lens										
FLW466SC4NPLX	FLU46B2BNSNNGNLX	14,000	135	104	100-277 VAC	5000K (cool white)	NEMA 6 (115°)			
FLW476SC4NPLX	FLU47B2BNSNNGNLX	13,750	135	102	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)			
FLW467SC4NPLX	FLU48B2BNSNNGNLX	13,750	135	102	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)			
FLW4558C4NPLX	FLU45B2BNSNNGNLX	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 5 (93°)			
FLW444SC4NPLX	FLU44B2BNSNNGNLX	13,500	140	96	100-277 VAC	5000K (cool white)	NEMA 4 (52°)			
FLW422SC4NPLX	FLU42B2BNSNNGNLX	12,500	140	89	100-277 VAC	5000K (cool white)	NEMA 2 (23°)			
FLW276SC2NPLX	FLU47B2ANSNNGNLX	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)			
FLW267SC2NPLX	FLU48B2ANSNNGNLX	10,500	106	99	100-277 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)			
FLW266SC2NPLX	FLU46B2ANSNNGNLX	10,250	106	97	100-277 VAC	5000K (cool white)	NEMA 6 (115°)			
FLW2558C2NPLX	FLU45B2ANSNNGNLX	10,000	106	94	100-277 VAC	5000K (cool white)	NEMA 5 (93°)			
FLW244SC2NPLX	FLU44B2ANSNNGNLX	9,500	106	90	100-277 VAC	5000K (cool white)	NEMA 4 (52°)			
FLW2228C2NPLX	FLU42B2ANSNNGNLX	9,750	106	92	100-277 VAC	5000K (cool white)	NEMA 2 (23°)			
		347/48	0 VAC Mode	els - Glass	Lens Only					
FLW466SC5NGLX	FLU76B5BNSNNGNLX	15,000	135	111	347/480 VAC	5000K (cool white)	NEMA 6 (115°)			
FLW476SC5NGLX	FLU77B5BNSNNGNLX	14,750	135	109	347/480 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)			
FLW467SC5NGLX	FLU78B5BNSNNGNLX	14,750	135	109	347/480 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)			
FLW455SC5NGLX	FLU75B5BNSNNGNLX	14,500	140	104	347/480 VAC	5000K (cool white)	NEMA 5 (93°)			
FLW444SC5NGLX	FLU74B5BNSNNGNLX	14,500	140	104	347/480 VAC	5000K (cool white)	NEMA 4 (52°)			
FLW422SC5NGLX	FLU72B5BNSNNGNLX	13,500	140	96	347/480 VAC	5000K (cool white)	NEMA 2 (23°)			
FLW276SC5NGLX	FLU77B5ANSNNGNLX	11,750	112	105	347/480 VAC	5000K (cool white)	NEMA 7x6 (140° x 115°)			
FLW267SC5NGLX	FLU78B5ANSNNGNLX	11,750	112	105	347/480 VAC	5000K (cool white)	NEMA 6x7 (115° x 140°)			
FLW266SC5NGLX	FLU76B5ANSNNGNLX	11,250	112	100	347/480 VAC	5000K (cool white)	NEMA 6 (115°)			
FLW255SC5NGLX	FLU75B5ANSNNGNLX	10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 5 (93°)			
	FLU74B5ANSNNGNLX					· · · · · · · · · · · · · · · · · · ·				
FLW244SC5NGLX		10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 4 (52°)			
FLW222SC5NGLX	FLU72B5ANSNNGNLX	10,000	112	89	347/480 VAC	5000K (cool white)	NEMA 2 (23°)			

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

Part numbers listed in the table above are provided in Cool White. For Neutral White, replace the 8th character with N.

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