

DuroSite® LED Floodlight

Technical Specifications



Ratings and Certifications
• 10 year warranty
• L70 >150,000 hours @ 25°C ambient
• CE
• IP66/67
• IK07 (glass lens), IK10 (polycarbonate lens)

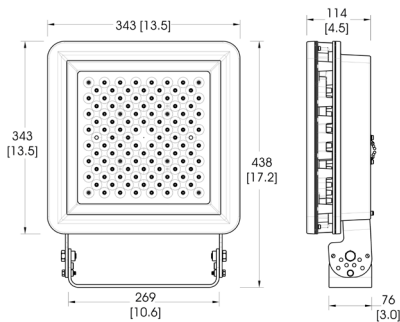
*All features not available on every model. Please refer to product part number pages for model specifics.

Mechanical Information	
Fixture weight:	
14,500 - 15,000 lm:	13.6 kg (30 lbs)
11,000 - 11,500 lm:	12.2 kg (27 lbs)
Shipping weight:	
14,500 - 15,000 lm:	15.4 kg (30 lbs)
11,000 - 11,500 lm:	14.1 kg (31 lbs)
EPA (sq.m)	0.15 sq. m (1.66 sq. ft)
Mounting:	304 Stainless steel trunnion mounting bracket included Secondary retention standard
Cable Entry:	M20 x 2
Terminals:	4mm ² x 3

Specifications			
Voltage options:	100-277 VAC, 50/60Hz	Housing:	Die cast aluminium
Operating temp:	-40°C to +65°C	Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical-resistant epoxy prime
Power factor:	>0.9	Lens:	Tempered glass Polycarbonate
THD:	<20%	CRI:	75
Surge protection:	6kV line-to-line, 6kV line-to-ground	CCT:	5000K (cool white)

Lumens	Wattage	lm/W	Mounting Heights
15,000	135	111	15m
14,750	135	109	↓
14,500	140	104	
11,500	106	108	
11,250	106	106	
11,000	106	104	

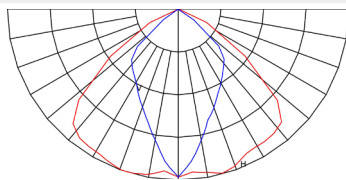
Dimensions



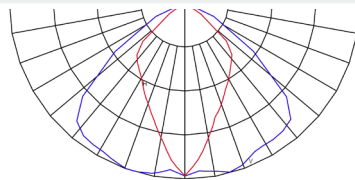
Dimension in mm [inches]

Comparison		
	Warranty	L70
Dialight LED Floodlight	10yr	>150,000
Metal Halide	1	15,000
High Pressure Sodium	1	20,000

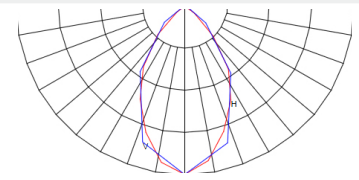
Beam Distribution



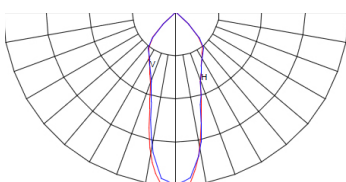
Field Angle = 140° x 115°



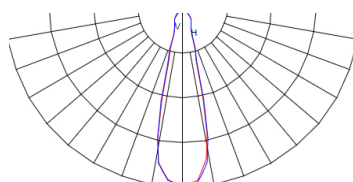
Field Angle = 115° x 140°



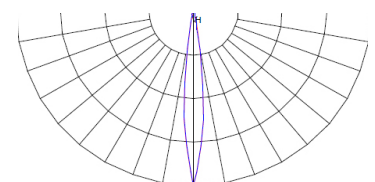
Field Angle = 115°



Field Angle = 93°



Field Angle = 52°



Field Angle = 23°

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 application; and, (b) 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.

DuroSite® LED Floodlight

Ordering Information & Mounting Accessories

Part Number	Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Angle	Field Angle
FLE466MC4NG	15,000	135	111	100-277 VAC	5000K (cool white)	Tempered glass	45°	115°
FLE476MC4NG	14,750	135	109	100-277 VAC	5000K (cool white)	Tempered glass	105° x 70°	140° x 115°
FLE467MC4NG	14,750	135	109	100-277 VAC	5000K (cool white)	Tempered glass	70° x 105°	115° x 140°
FLE455MC4NG	14,500	140	104	100-277 VAC	5000K (cool white)	Tempered glass	27°	93°
FLE444MC4NG	14,500	140	104	100-277 VAC	5000K (cool white)	Tempered glass	26°	52°
FLE276MC2NG	11,500	106	108	100-277 VAC	5000K (cool white)	Tempered glass	105° x 70°	140° x 115°
FLE266MC2NG	11,250	106	106	100-277 VAC	5000K (cool white)	Tempered glass	45°	115°
FLE255MC2NG	11,000	106	104	100-277 VAC	5000K (cool white)	Tempered glass	27°	93°

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

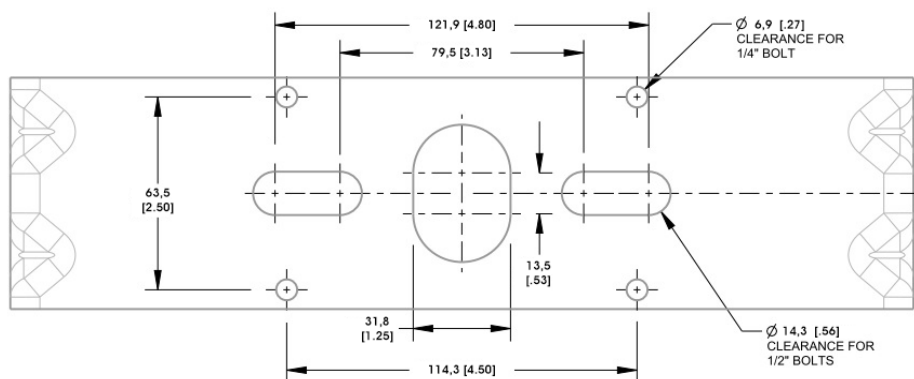
Polycarbonate lens available, please consult local Dialight sales office for availability.



HZXSAFECBLS

- Stainless steel safety cable kit

Factory-Installed Mounting Bracket Dimensions



Dimension in mm [inches]

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com 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 www.dialight.com as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at www.dialight.com, the latter shall prevail.