

.....Dialight



DuroSite® LED Floodlight - CE

for Indoor and Outdoor Industrial Applications



MAY 2021



Features & Benefits

- 10 year warranty
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Universal input (100-277 VAC), 50/60Hz
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Isolated wiring compartment
- Integral Safety Straps

Application

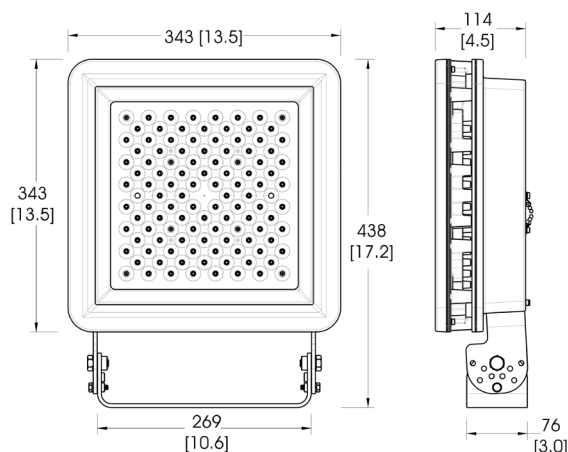
The DuroSite LED Floodlight represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both cutting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

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Standard Model



Patent Pending



Dimensions in mm (inches)

Certifications & Ratings

- CE
- EN55015
- EN61547
- EN60598-1
- EN61000-3-2
- EN62031
- EN62471
- IP66/67 to EN60529
- IK07

Mechanical Information:

Fixture weight:	13.6 kg (30 lb)
Shipping weight:	15.4 kg (34 lb)
Mounting:	Trunnion mounting bracket included
Entry:	(2) M20 cable entries

Electrical Specifications:

Operating Voltage:	100-277 VAC, 50/60Hz
Total system power consumption:	See table
Operating Temp:	-40°C to +65°C (-40°F to +149°F)
Harmonics:	IEC 61000-3-2
Noise Requirements/ EMC:	EN 55015 - conducted and radiated EN 61000-3-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11
Transient protection:	EN61000-4-5 Verified up to 6kV/20ohms at an independent test laboratory Protection devices capable of 20kV
THD:	< 20%
Power Factor:	> 0.9

Construction:

Housing:	Copper-free aluminium
Bracket:	304 Stainless Steel
Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical-resistant epoxy primer
Lens:	Tempered glass

Photometric Information:

CRI:	80
CCT:	4000K (neutral white)
Field Angles:	140° x 115° 115° x 140° 115° 93° 52° 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 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.

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Mounting Accessories



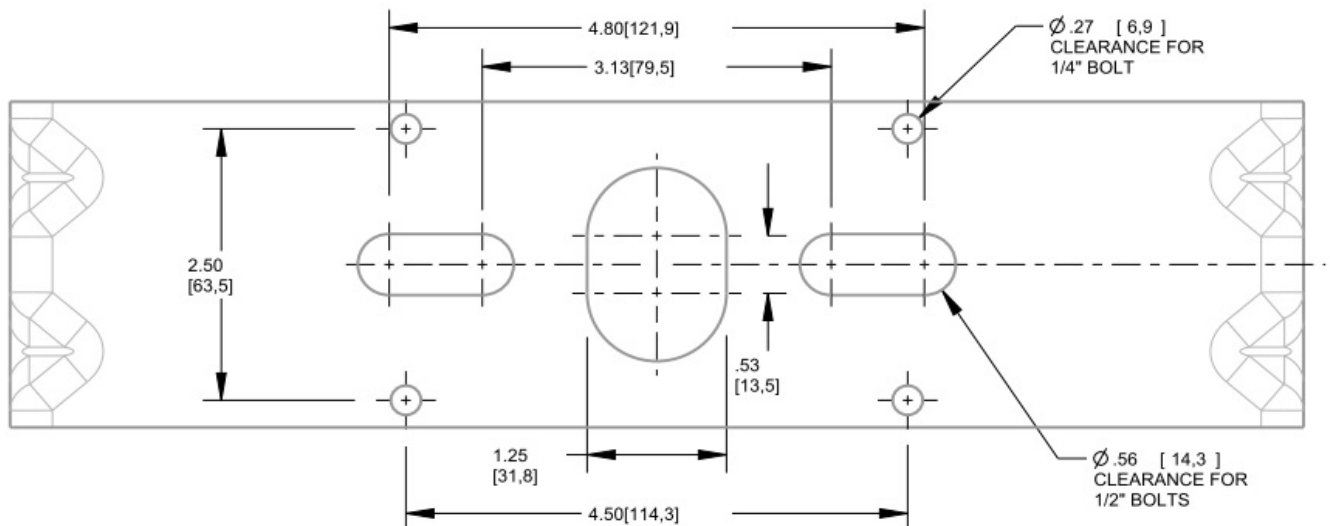
Product shipped with bracket installed
(Bracket has locking positions at 0°, (±) 22.5°, (±) 45°, (±) 67.5°, and 90°)



HZXSAFECBLS

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

Factory Installed Mounting Bracket



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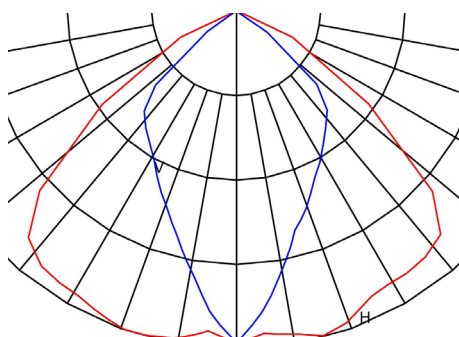
Ordering Information & Beam Distribution

Part Number	Fixture Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
FLE466MN4NG	14,250	135	105	100-277 VAC	4000K (neutral white)	Tempered Glass	115°
FLE476MN4NG	14,000	135	104	100-277 VAC	4000K (neutral white)	Tempered Glass	140° x 115°
FLE467MN4NG	14,000	135	104	100-277 VAC	4000K (neutral white)	Tempered Glass	115° x 140°
FLE455MN4NG	13,750	140	98	100-277 VAC	4000K (neutral white)	Tempered Glass	93°
FLE444MN4NG	13,750	140	98	100-277 VAC	4000K (neutral white)	Tempered Glass	52°
FLE422MN4NG	12,750	140	91	100-277 VAC	4000K (neutral white)	Tempered Glass	23°
FLE276MN2NG	11,000	109	101	100-277 VAC	4000K (neutral white)	Tempered Glass	140° x 115°
FLE267MN2NG	11,000	109	101	100-277 VAC	4000K (neutral white)	Tempered Glass	115° x 140°
FLE266MN2NG	10,750	109	99	100-277 VAC	4000K (neutral white)	Tempered Glass	115°
FLE255MN2NG	10,500	109	96	100-277 VAC	4000K (neutral white)	Tempered Glass	93°
FLE244MN2NG	10,000	109	92	100-277 VAC	4000K (neutral white)	Tempered Glass	52°
FLE222MN2NG	10,250	109	94	100-277 VAC	4000K (neutral white)	Tempered Glass	23°

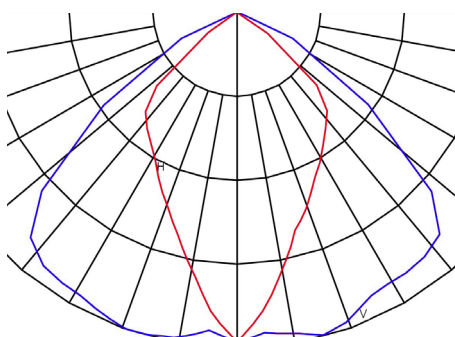
All values typical unless otherwise stated (tolerance +/- 10%).

Part numbers listed in the table above are powder coated gray. For bronze powder, coat replace the 10th character with **Z**. FLE244MN2NG becomes FLE244MN2ZG.

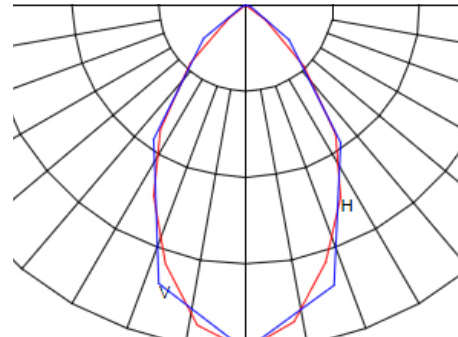
Beam Distribution



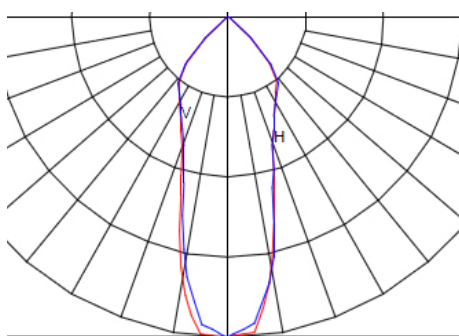
Field angle = 140° x 115°



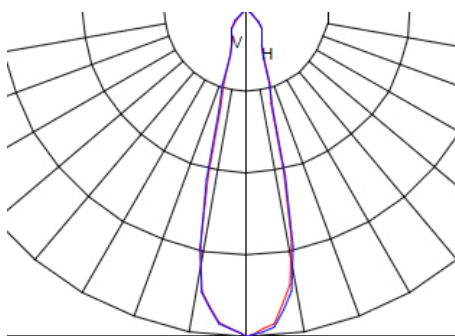
Field angle = 115° x 140°



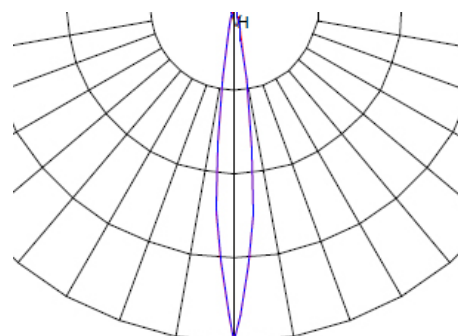
Field angle = 115°



Field angle = 93°



Field angle = 52°



Field angle = 23°

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