



Dialight



DuroSite[®] LED Area Light - CE

for Indoor and Outdoor Industrial Applications



CE

On when it matters most.

Products and solutions that protect your business





Features & Benefits

- L70 rated for >100,000 hours @ 25°C ambient
- 5 year full performance warranty
- Instant on/off operation
- Universal power supply
- Superior color rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Factory sealed

Application

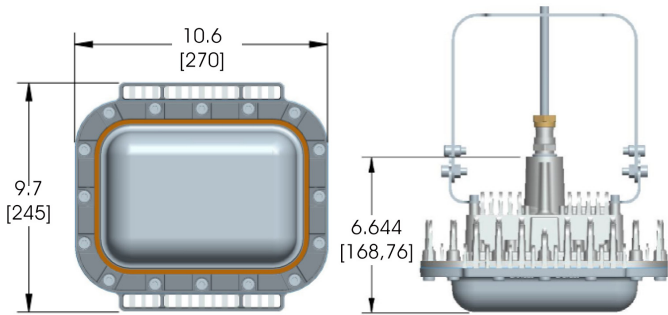
The DuroSite LED Area Light represents the future of energy efficient facility illumination for industrial applications worldwide. The lighting fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both cutting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

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Standard Model



Patent pending



Dimensions in mm [Inches]

Certifications & Ratings

- CE
 - IEC 55015
 - IEC 61547
 - IEC 60598
 - IEC 62031
 - IEC 62471
- IP66 to EN60529

Mechanical Information:

- Fixture weight:** 5.22 kg (11.5lb)
- Shipping weight:** 6.12 kg (13.5lb)
- Mounting:** Mounting bracket provided
- Cabling:** Factory installed 3 meter 3 core PVC cable

Electrical Specifications:

- Operating Voltage:** 100 – 277V AC
- 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 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:** EN 61000-4-5
1 kV line to line
2 kV line to ground
- THD:** <20%
- Power Factor:** > 0.9

Construction:

- Housing:** Copper free aluminum
- Finish:** Superior dual coat finish
 - Sealed polyester topcoat
 - Chemical-resistant epoxy prime
- Lens:** Polycarbonate

Photometric Information:

- CRI:** 70
- CCT:** 5000K (cool white)
4000K (neutral white)
- Optics:** 180° forward throw
360° circular pattern

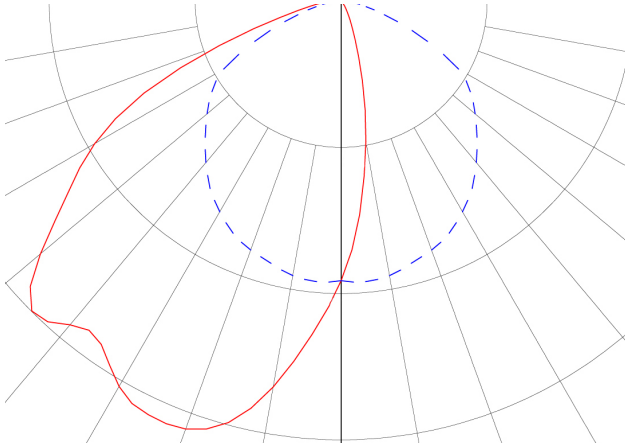
IES Files: Available at www.dialight.com

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

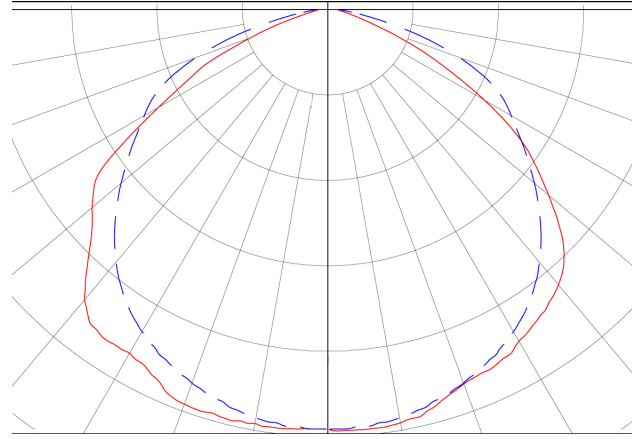
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Light Distribution

180° Optical Pattern Mounted at 45°



360° Optical Pattern



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Ordering information

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
STWFC2N-EU	7,000	68	103	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360
STWEC2N-EU	7,000	68	103	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180
STW9C2N-EU	6,000	58	103	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360
STW8C2N-EU	6,000	58	103	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180
STW5C2N-EU	5,000	47	106	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360
STW4C2N-EU	4,700	47	100	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180
STW3C2N-EU	4,000	38	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360
STW2C2N-EU	4,000	38	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180
STW1C2N-EU	2,200	21	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	360
STW0C2N-EU	2,200	21	105	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	180

¹180° optical pattern models are optimised for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white models, replace the 5th character with N. EX: STW5C2N-EU becomes STW5N2N-EU

