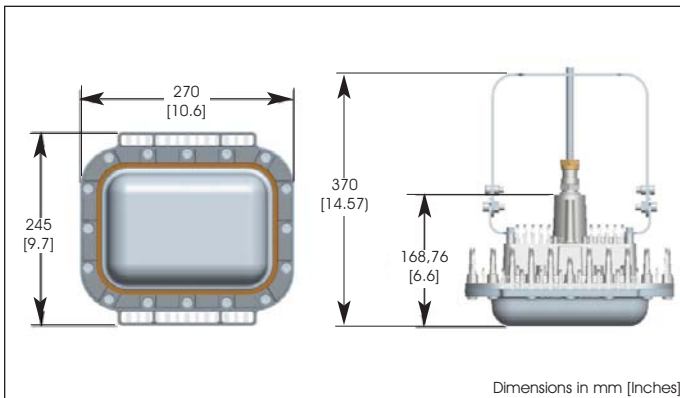




Patent Pending

DuroSite® LED Area Light

CE Approved



Certifications

- CE - compliant
IEC 55015 / IEC 61547 / IEC 60598 / IEC 62031
- IEC 62471
- IP 66 to EN60529

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. Whether your application is in a work area or any other application, this fixture offers improved performance across the board.

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 :	See ordering table
Power Consumption:	43W / 55W / 70W
Operating Temp:	-40°C to +65°C (-40°F to +149°F)
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
Surge Protection:	EN 61000-4-5 1 kV line to line 2 kV line to ground

THD:	<15%
Power Factor:	> 0.9

Construction

Housing:	Powder coated alum.
Finish:	Polyester / epoxy powder coat gray RAL 7040 for superior corrosion resistance
Lens:	Polycarbonate

Photometric Information

CRI:	70
CCT:	6,000K (cool white) 4,500K (neutral white)
Optics:	180° forward throw 360° circular pattern
IES Files:	Available upon request

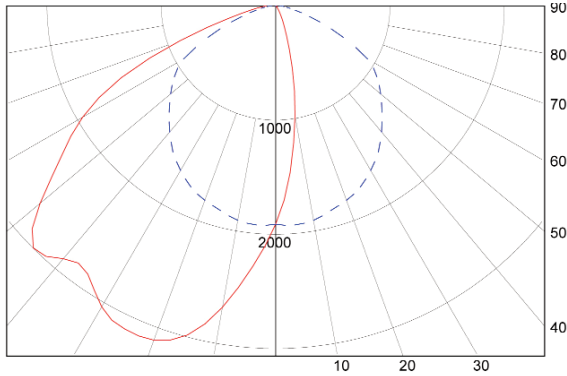
All values typical unless otherwise state
All lumen values are typical (tolerance +/- 10%)



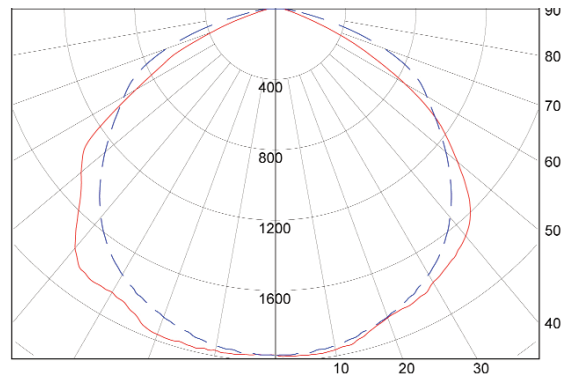
DuroSite® LED Area Light

Polar Plots

180° Optical Pattern Mounted at 45°



360° Optical Pattern



Ordering Information

Part Number	Optical Pattern ¹	Color	Initial Fixture Lumens	Wattage	Lumens Per Watt	Replaces Up To
STW2C2N-EU	180	CW	4,000	43	93	70W HID
STW2N2N-EU	180	NW	4,000	43	93	70W HID
STW3C2N-EU	360	CW	4,000	43	93	70W HID
STW3N2N-EU	360	NW	4,000	43	93	70W HID
STW4C2N-EU	180	CW	5,000	55	91	175W HID
STW4N2N-EU	180	NW	5,000	55	91	175W HID
STW5C2N-EU	360	CW	5,000	55	91	175W HID
STW5N2N-EU	360	NW	5,000	55	91	175W HID
STW8C2N-EU	180	CW	6,000	70	86	250W HID
STW8N2N-EU	180	NW	6,000	70	86	250W HID
STW9C2N-EU	360	CW	6,000	70	86	250W HID
STW9N2N-EU	360	NW	6,000	70	86	250W HID

¹180° optical pattern versions are optimized for a 45° mounting angle

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSTWALEUX001.pdf

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