



Dialight

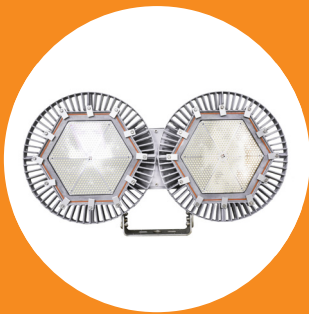


DuroSite[®] LED Conveyor Light - CE
for Indoor and Outdoor Industrial Applications



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
- Superior color rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Factory sealed
- Comes complete ready to install, out of box

Application

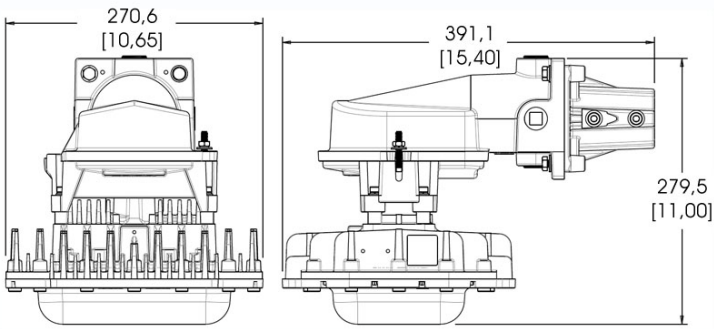
The design is optimized for conveyor walkway's and offers improved performance across the board. The special wide-angle optics allows optimal illumination of the walkway minimising light spill to the sides. The mechanical design is optimized for applications in harsh environment.

DuroSite LED Conveyor Light - CE

Standard Model



Patent Pending



Dimensions in Inches [mm]

Certifications & Ratings

- CE
 - IEC / EN 60598-1
 - IEC / EN 60598-2-1
 - IEC / EN 62031
 - IEC / EN 62471
 - IEC / EN 55015
 - IEC / EN 61000-3-2
 - IEC / EN 61547
- Nema 4X
- IP66 to EN60529

Mechanical Information:

Fixture weight:	7.5kg (16.5 lbs)
Shipping weight:	8.39kg (18.5 lbs)
Mounting:	34mm Slip-Fit Stanchion Mount
Cabling:	Junction box with terminal block (0.50 - 4.0mm ²)

Electrical Specifications:

Operating Voltage:	100 - 277V AC, 50/60 Hz
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:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
Transient protection:	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:

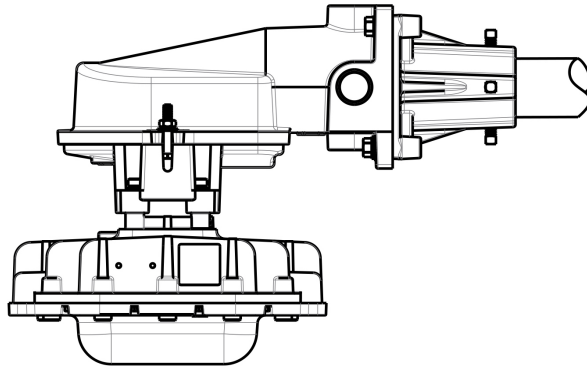
CRI:	75
CCT:	5000K (cool white)
Optics:	Asymmetric conveyor Walkway illumination
IES Files:	Available at www.dialight.com

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

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34mm Slip-Fit Stanchion Mount Junction Box

34mm Slip-Fit Stanchion Mount Junction Box



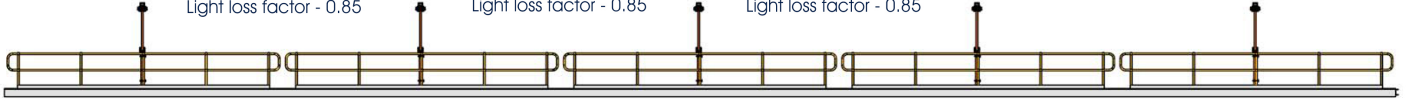
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Mounting Options

4,200lm Fixture light levels:
Mounting Height - 3m
Spacing - 7m
Average illuminance - 86.4 lux
Light loss factor - 0.85

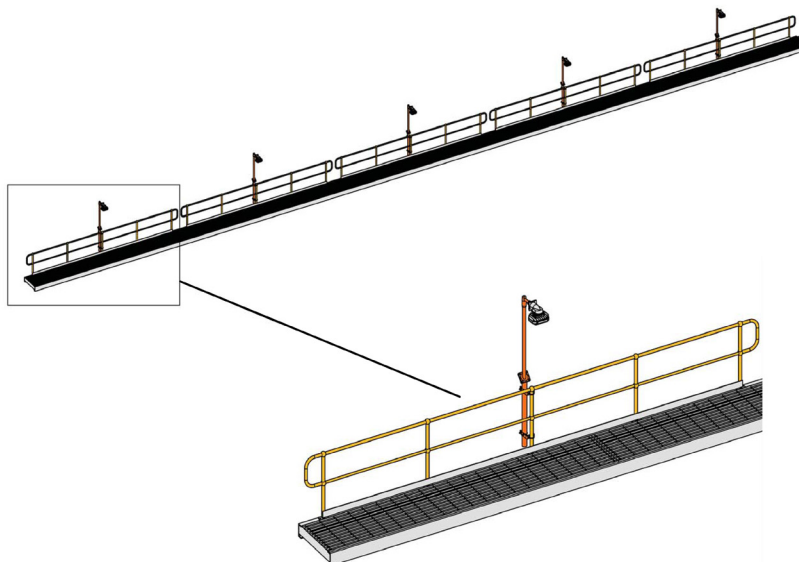
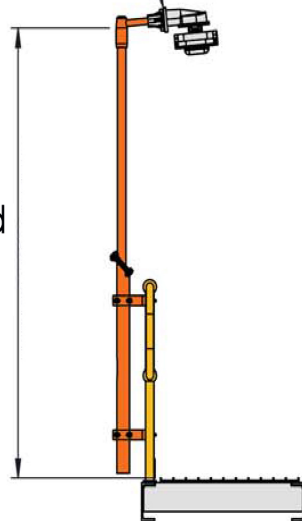
4,200lm Fixture light levels:
Mounting Height - 3m
Spacing - 9m
Average illuminance - 67 lux
Light loss factor - 0.85

4,200lm Fixture light levels:
Mounting Height - 3m
Spacing - 12m
Average illuminance - 50 lux
Light loss factor - 0.85



Dialight Luminaire
Conveyor Light
Wall Mount with
Pole adaptor

3m
Installed
Height



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Ordering information and Light Distribution Patterns

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
STWYC2N-CV34	4,200	58	72	IP66	100 - 277V AC	5000K (cool white)	Polycarbonate	Asymmetric

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

Notes for all models:

1All values typical unless otherwise stated

