

Dialight



DuroSite® LED Linear Fixture - UL/CSA
for Indoor and Outdoor Industrial Applications



Features & Benefits

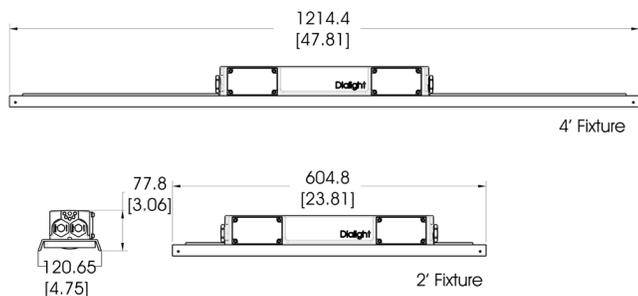
- 5-year warranty
- L70 rated for >100,000 hours @ 25°C
- Instant on/off operation
- Resistant to water, salt, dust & vibration
- Resistant up to 2,000 PSI of hose directed water
- Universal input (100-277 VAC, 50/60Hz)
- Integrated wiring box
- Low profile housing for limited space applications
- Temperature compensation technology for longer life

Application

Dialight's DuroSite® LED linear fixture replaces HID and fluorescent lighting fixtures in industrial applications. The DuroSite® LED Linear fixture's rugged solid state design makes it highly resistant to shock and vibration. Its fully gasketed IP66 rated enclosure makes it suitable for dusty & wet locations, its 1598/A rating guarantees added protection from salt water spray. The DuroSite® LED Linear's superior design allows for wiring and mounting versatility and ease of installation for many lighting applications.

DuroSite LED Linear - UL / CSA

Low Profile



Dimensions in inches [mm]

Certifications & Ratings

- UL 1598/A*
- CSA C22.2 No. 250*
- IP66/67
- NEMA 4X

*ETL listed

Mechanical Information:

Fixture weight:	4' - 10 lb (4.5 kg) 2' - 7 lb (3.2 kg)
Shipping weight:	4' - 11 lb (5.0 kg) 2' - 8 lb (3.6 kg)
Mounting:	(4) 3/4" NPT openings Optional swivel bracket - LPXW4 Optional low profile bracket - LPXW4LP

Electrical Specifications:

Operating voltage:	100-277 VAC, 50/60Hz
Power consumption:	See ordering information
Operating temp:	-40°F to +149°F (-40°C to +65°C)
Harmonics:	IEC 61000-3-2
Noise requirements/EMC:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Surge protection:	EN 61000-4-5 4 kV line-to-line 4 kV line-to-ground
THD:	< 20%
Power factor:	> 0.9

Power supply equipped with inline fuse

Construction:

Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical resistant epoxy primer
Lens:	Polycarbonate

Photometric Information:

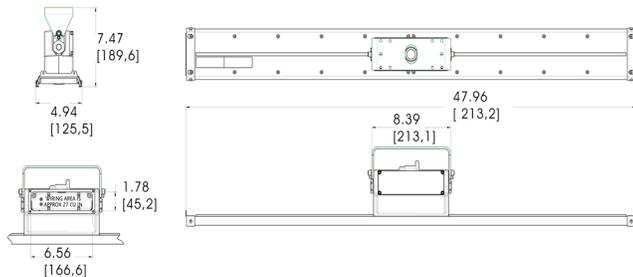
CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)
IES files:	Available at www.dialight.com

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.

DuroSite LED Linear - UL / CSA

Top Conduit



Dimensions in inches [mm]

Certifications & Ratings

- UL 1598/A*
- CSA C22.2 No. 250*
- IP66
- NEMA 4X

*ETL listed

Mechanical Information:

- Fixture weight:** 4' - 10 lb (4.5 kg)
2' - 7 lb (3.2 kg)
- Shipping weight:** 4' - 11 lb (5.0 kg)
2' - 8 lb (3.6 kg)
- Mounting:** (3) 3/4" NPT openings
Optional swivel bracket - LTXW4
Optional low profile bracket - LTXW4LP

Electrical Specifications:

- Operating voltage:** 100-277 VAC, 50/60Hz
- Power consumption:** See ordering information
- Operating temp:** -40°F to +149°F (-40°C to +65°C)
- Harmonics:** IEC 61000-3-2
- Noise requirements/EMC:** FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
- Surge protection:** EN 61000-4-5
4 kV line-to-line
4 kV line-to-ground
- THD:** < 20%
- Power factor:** > 0.9

Power supply equipped with inline fuse

Construction:

- Finish:** Superior dual coat finish
- Sealed polyester topcoat
- Chemical resistant epoxy primer
- Lens:** Polycarbonate

Photometric Information:

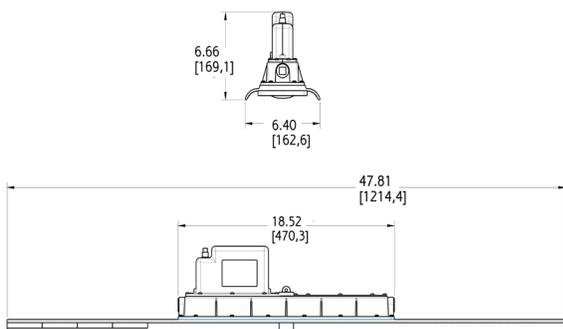
- CRI:** 80
- CCT:** 5000K (cool white)
4000K (neutral white)
- IES files:** Available at www.dialight.com

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

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DuroSite LED Linear - UL / CSA

Battery Backup



Dimensions in inches [mm]

Certifications & Ratings

- UL 1598/A*
- UL 924*
- CSA C22.2 No. 250*
- IP66
- NEMA 4X

*ETL listed

Mechanical Information:

Fixture weight:	18 lb (8.2 kg)
Shipping weight:	21 lb (9.5 kg)
Mounting:	(1) Threaded 3/4" NPT side (2) Threaded 3/4" NPT ends

Electrical Specifications:

Operating voltage:	120-277 VAC, 50/60Hz
Power consumption:	85W
Operating temp:	-4°F to +149°F (-20°C to +65°C)
Battery:	3.6V 10Ah Nimh
Battery life*:	3 years
Battery duration*:	> 3 hours
Lumen output in Battery Mode:	450lm
Harmonics:	IEC 61000-3-2
Noise requirements/EMC:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Surge protection:	EN 61000-4-5 1 kV line to line 2 kV line to ground
THD:	< 20%
Power factor:	> 0.9

Construction:

Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical resistant epoxy primer
Lens :	Polycarbonate

Photometric Information:

CRI:	75
CCT:	5000K (cool white) 4000K (neutral white)
IES files:	Available upon request

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

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DuroSite LED Linear - UL / CSA

Mounting and Accessories

Low Profile Linear



LPXW4LP

- 316 Stainless steel low profile mounting bracket
- Can be angled at 0° and 15°



LPXW4

- 316 Stainless steel mounting bracket
- Can be angled at 0°, 30°, 45°, 60° & 90°



LTXSAFEKIT

- Safety cable kit for secondary retention



LTXENDCAPKIT

- 304 Stainless steel chain mount and secondary retention bracket

Top Conduit Linear



LTXW4SS

- 316 Stainless steel mounting bracket
- Can be angled at 0°, 30°, 45°, 60° and 90°



LTXW4LP

- Aluminum low profile mounting bracket
- Can be angled at 0° and 15°



LTXSAFEKIT

- Safety cable kit for secondary retention



LTXENDCAPKIT

- 304 Stainless steel chain mount and secondary retention bracket



LTXLSXW4

- Retrofit bracket adapter used to connect LTM model fixtures to an existing LSXW4 bracket

Battery Backup Linear



LSXW4

- Aluminum mounting bracket
- Can be angled at 0°, 30°, 45°, 60° and 90°



LSXENDCAPKIT

- 304 Stainless steel chain mount brackets



HZXSAFEKIT

- Safety cable kit

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DuroSite LED Linear - UL / CSA

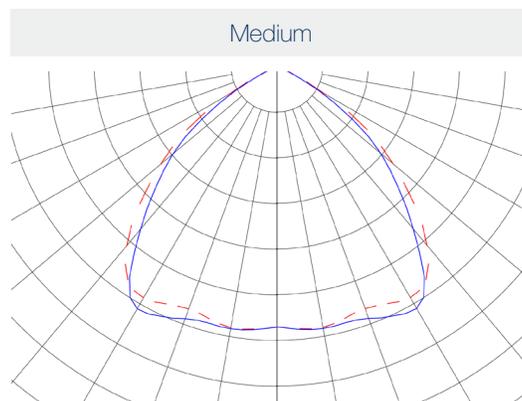
Low Profile - Ordering Information

Part Number	Length	CRI	Fixture Lumens	Watt	lm/W	Voltage	CCT	Lens	Beam Distribution
LPM3C4M2P	4'	80	7,900	60	132	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LPM3C4H2W	4'	80	7,100	60	118	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LPM3N4M2P	4'	80	7,300	60	122	100-277 VAC	4000K (neutral white)	Clear Polycarbonate	Medium
LPM3N4H2W	4'	80	6,700	60	112	100-277 VAC	4000K (neutral white)	Diffused Polycarbonate	Medium
LPM3C4D2P	2'	80	3,850	29	133	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LPM3C4B2W	2'	80	3,500	29	121	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LPM3N4D2P	2'	80	3,600	29	124	100-277 VAC	4000K (neutral white)	Clear Polycarbonate	Medium
LPM3N4B2W	2'	80	3,300	29	114	100-277 VAC	4000K (neutral white)	Diffused Polycarbonate	Medium

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

The part numbers in the above table are provided in 5000K (cool white). To order part numbers in 4000K (neutral white), please change the 5th character to an **N**. Ex. LPM3**C**4M2P becomes LPM3**N**4M2P.

Beam Distribution



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DuroSite LED Linear - UL / CSA

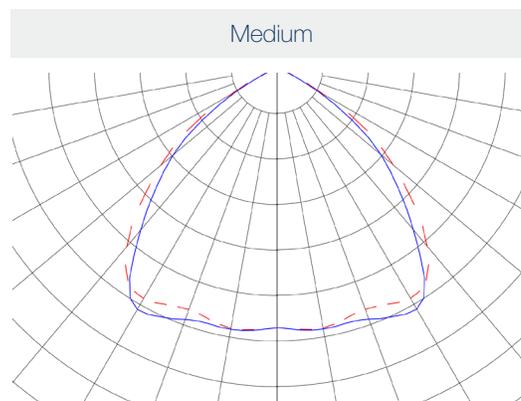
Top Conduit - Ordering Information

Part Number	Length	CRI	Fixture Lumens	Watt	lm/W	Voltage	CCT	Lens	Beam Distribution
LTM3C4M2P	4'	80	7,900	60	132	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LTM3C4H2W	4'	80	7,100	60	118	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LTM3N4M2P	4'	80	7,300	60	122	100-277 VAC	4000K (neutral white)	Clear Polycarbonate	Medium
LTM3N4H2W	4'	80	6,700	60	112	100-277 VAC	4000K (neutral white)	Diffused Polycarbonate	Medium
LTM3C4D2P	2'	80	3,850	29	133	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LTM3C4B2W	2'	80	3,500	29	121	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LTM3N4D2P	2'	80	3,600	29	124	100-277 VAC	4000K (neutral white)	Clear Polycarbonate	Medium
LTM3N4B2W	2'	80	3,300	29	114	100-277 VAC	4000K (neutral white)	Diffused Polycarbonate	Medium

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

Part numbers listed in the table above are cool white. For neutral white model, replace the 5th character with N. Ex. LTM3C4D2P becomes LTM3N4D2P

Beam Distribution



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DuroSite LED Linear - UL / CSA

Battery Backup - Ordering Information and Accessories

This fixture is offered in sustained and maintained configurations.

Sustained has a single AC input and battery backup mode is entered upon any loss of power. Fixture cannot be turned off without entering battery backup mode.

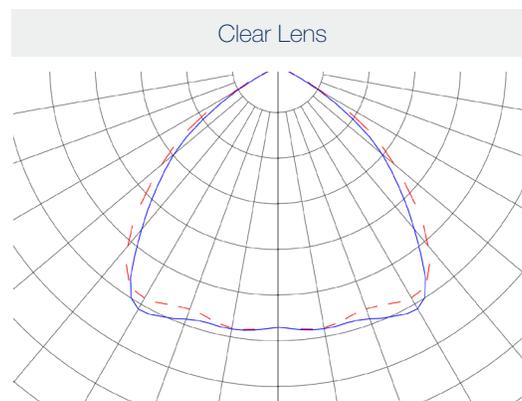
Maintained has two AC inputs. The fixture can be turned on and off via AC-1 and Fixture only enters battery backup mode when AC-2 is lost or low.

Part Number	Length	Type	CRI	Fixture Lumens	Watt	lm/W	Warranty	Voltage	CCT	Lens	Beam Distribution
LSM3C4MEP	4'	Sustained	75	7,000	85	82	3yr	120- 277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LSM3C4MNP	4'	Maintained	75	7,000	85	82	3yr	120-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium

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

The part numbers in the above table are provided in Cool White. To order part numbers in Neutral White, please change the 5th character to an **N**. Ex. LSM3**C**4MEP becomes LSM3**N**4MEP

Beam Distribution



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WARNING / DISCLAIMERS:

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