

Dialight

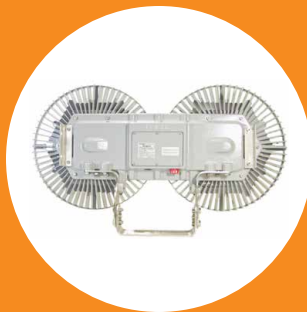


DuroSite® LED Linear Fixture - UL / CSA
for Indoor and Outdoor Industrial Applications



On when it matters most.

Products and solutions that protect your business





Features & Benefits

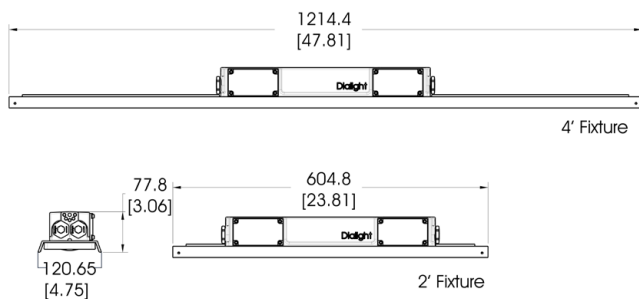
- 5-year full performance warranty
- L70 rated for >100,000 hours @ 25°C
- DLC listed (80 CRI CW & NW models only)
- Instant on/off operation
- Resistant to water, salt, dust & vibration
- Resistant up to 20 PSI of hose directed water
- Universal input (100 - 277V AC), 50/60Hz
- Integrated wiring box
- 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*
- UL 8750*
- CSA 22.2 No. 250*
- IP66 / 67
- NEMA 4X

*ETL listed

Mechanical Information:

Fixture weight:	4' - 10 lbs (4.50 kg) 2' - 7 lbs (3.13 kg)
Shipping weight:	4' - 11 lbs (4.90 kg) 2' - 8 lbs (3.64 kg)
Mounting:	(4) 3/4" NPT openings Optional swivel bracket - LPXW4 Optional low profile bracket - LPXW4LP

Electrical Specifications:

Operating voltage:	100 - 277V AC, 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:

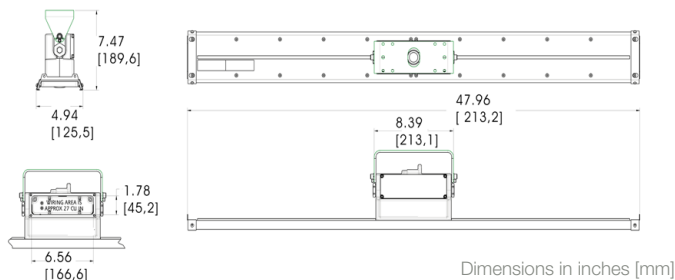
CRI:	75, 80
CCT:	5000 (cool white) 4000 (neutral white)
IES files:	Available at www.dialight.com

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

For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide:
www.dialight.com/pubs/MDTFCHEMRFLX001.PDF

DuroSite LED Linear - UL / CSA

Top Conduit



Certifications & Ratings

- UL 1598/A*
- UL 8750*
- CSA 22.2 No. 250*
- IP66
- NEMA 4X

*ETL listed

Mechanical Information:

Fixture weight:	4' - 11 lbs (4.99 kg) 2' - 10 lbs (4.53 kg)
Shipping weight:	4' - 13 lbs (5.90 kg) 2' - 12 lbs (5.44 kg)
Mounting:	(3) 3/4" NPT openings Optional swivel bracket - LTXW4 Optional low profile bracket - LTXW4LP

Electrical Specifications:

Operating voltage:	100 - 277V AC, 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:

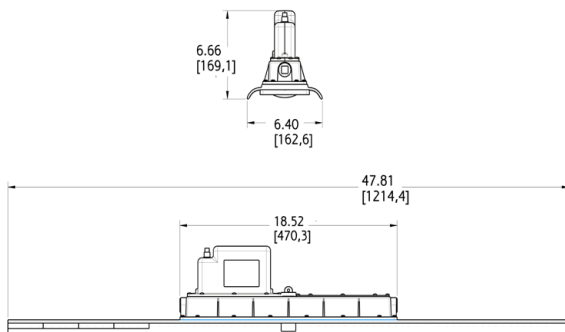
CRI:	75, 80
CCT:	5000 (cool white) 4000 (neutral white)
IES files:	Available at www.dialight.com

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

*For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide:
www.dialight.com/pubs/MDTFCHEMRFLX001.PDF

DuroSite LED Linear - UL / CSA

Battery Backup



Dimensions in inches [mm]

Certifications & Ratings

- UL 1598/A*
- UL 924*
- CSA 22.2 No. 250*
- IP66
- NEMA 4X

*ETL listed

Mechanical Information:

Fixture weight:	18 lbs (8.16 kg)
Shipping weight:	21 lbs (9.53 kg)
Mounting:	(1) Threaded 3/4" NPT side (2) Threaded 3/4" NPT ends

Electrical Specifications:

Operating voltage:	120 - 277V AC, 50/60Hz
Power consumption:	85W
Operating temp:	-20°F to +149°F (-20°C to +65°C)
Battery:	3.6V 10Ah Nimh
Battery life:	4 years
Battery duration:	> 3 hours
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

Construction:

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

Photometric Information:

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

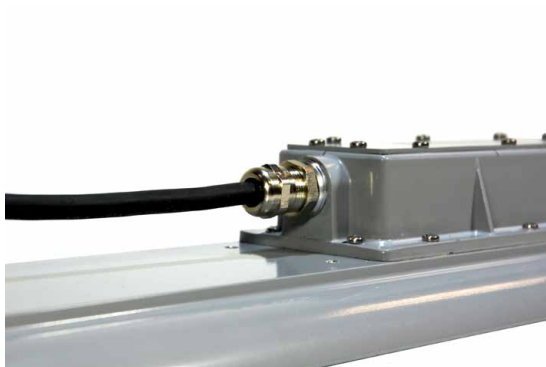
All values typical unless otherwise stated
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DuroSite LED Linear - UL / CSA

Battery Backup Wiring Configurations (optional)

Side Entry



Add one of the following suffixes to the above part numbers for factory wired and installed 10' cable and cable gland:

- GS added for installed on one of the side entries (shown to the left)
- GT added for installed on the top entry (not shown)

Ex. LSM3C4MEP becomes LSM3C4MEP**GS**

Top Entry



Add one of the following suffixes to the above part numbers for factory wired and installed 10' cable and 3/4" conduit fitting.:

- CT added for installed on the top entry (shown to the left)
- CS added for installed on one the side entries (not shown)

Ex. LSM3C4MEP becomes LSM3C4MEP**CT**

DuroSite LED Linear - UL / CSA

Mounting and Accessories

Low Profile Linear



LPXW4LP

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



LPXW4

- Mounting bracket
- Can be angled at 0°, 30°, 45°, 60° & 90°



LTXENDCAPKIT

- Chain mount and secondary retention bracket



LTXSAFEKIT

- Safety Cable Kit for secondary retention

Top Conduit Linear



LTXW4

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



LTXW4LP

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



LTXENDCAPKIT

- Chain mount and secondary retention bracket



LTXSAFEKIT

- Safety cable kit for secondary retention



LTXLSXW4

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

Battery Backup Linear



LSXW4

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



LSXENDCAPKIT

- Chain mount brackets



HZXSAFEKIT

- Safety cable kit

DuroSite LED Linear - UL / CSA

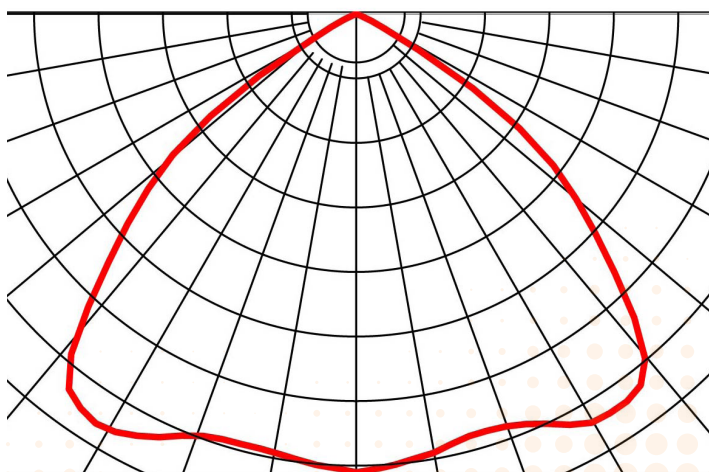
Low Profile - Ordering Information and Light Distribution Pattern

Part Number	Length	CRI	Fixture Lumen	Watt	LPW	Warranty	Voltage	CCT	Lens	Optical Pattern
LPM3C4M2P	4'	75	7,250	66	110	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LPM3C4H2W	4'	75	6,700	66	102	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LPM3B4M2P	4'	80	6,500	66	98	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LPM3B4H2W	4'	80	6,000	66	91	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LPM3C4D2P	2'	75	3,600	33	109	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LPM3C4B2W	2'	75	3,300	33	100	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LPM3B4D2P	2'	80	3,200	33	97	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LPM3B4B2W	2'	80	2,900	33	88	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular

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

Light Distribution Pattern

Circular Pattern



DuroSite LED Linear - UL / CSA

Top Conduit - Ordering Information and Light Distribution Pattern

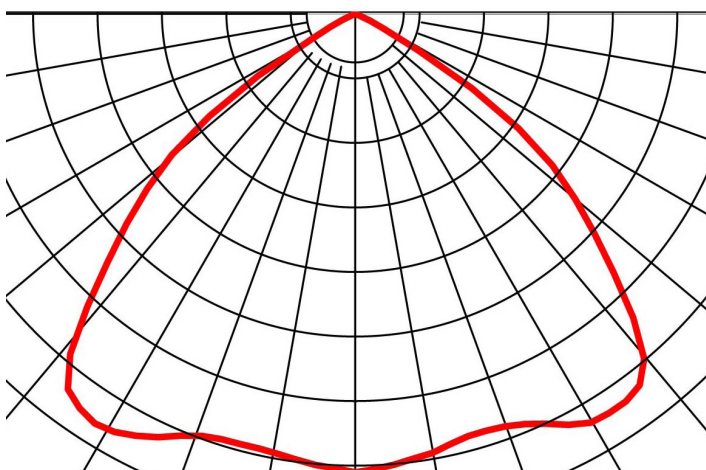
Part Number	Length	CRI	Fixture Lumen	Watt	LPW	Warranty	Voltage	CCT	Lens	Optical Pattern
LTM3C4M2P	4'	75	7,250	66	110	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LTM3C4H2W	4'	75	6,700	66	102	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LTM3B4M2P	4'	80	6,500	66	98	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LTM3B4H2W	4'	80	6,000	66	91	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LTM3C4D2P	2'	75	3,600	33	109	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LTM3C4B2W	2'	75	3,300	33	100	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LTM3B4D2P	2'	80	3,200	33	97	5yr	100 - 277 V AC	5000K (cool white)	Clear Polycarbonate	Circular
LTM3B4B2W	2'	80	2,900	33	88	5yr	100 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular

All values typical unless otherwise stated, Lumen values are typical (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

Light Distribution Pattern

Circular Pattern



DuroSite LED Linear - UL / CSA

Battery Backup - Ordering Information and Accessories

Part Number	Length	Type	CRI	Fixture Lumen	Watt	LPW	Warranty	Voltage	CCT	Lens	Optical Pattern
LSM3C4MEP	4'	Sustained	75	7,000	85	85	5yr	120 - 277 V AC	5000K (cool white)	Polycarbonate	Circular
LSM3C4MNP	4'	Maintained	75	7,000	85	85	5yr	120 - 277 V AC	5000K (cool white)	Polycarbonate	Circular

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

Light Distribution Pattern

