

.....Dialight

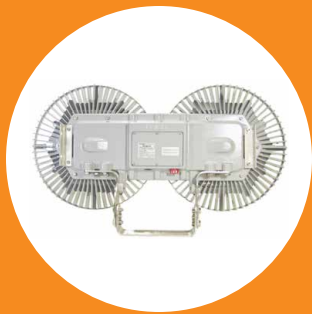


DuroSite® LED Linear Fixture - UL / CSA
for Indoor and Outdoor Industrial Applications



On when it matters most.

Products and solutions that protect your business





Features & Benefits

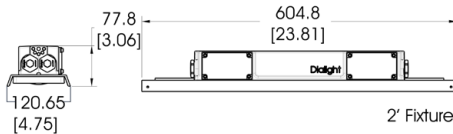
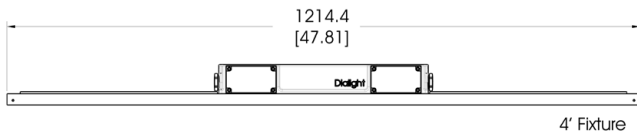
- 5-year warranty
- L70 rated for >100,000 hours @ 25°C
- Instant on/off operation
- Resistant to water, salt, dust & vibration
- Resistant up to 20 PSI of hose directed water
- Universal input (100-277 VAC, 50/60Hz)
- Integrated wiring box
- Low profile housing for limited space applications
- Temperature 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:

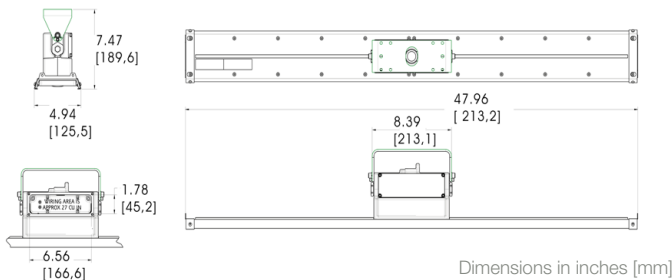
CRI:	75, 80
CCT:	5000K (cool white) 4000K (neutral white)
IES files:	Available at www.dialight.com

All values typical unless otherwise stated (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*
- 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:

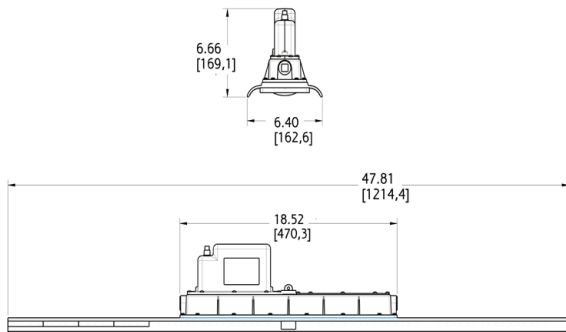
- CRI:** 75, 80
- CCT:** 5000K (cool white)
4000K (neutral white)
- IES files:** Available at www.dialight.com

All values typical unless otherwise stated (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 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%)

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

*@ 25°C ambient

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°



LTXENDCAPKIT

- 304 Stainless steel chain mount and secondary retention bracket



LTXSAFEKIT

- Safety Cable Kit for secondary retention

Top Conduit Linear



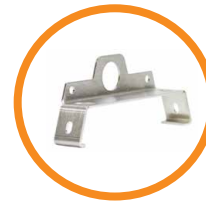
LTXW4

- Aluminum 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°



LTXENDCAPKIT

- 304 Stainless steel 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

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



LSXENDCAPKIT

- 304 Stainless steel chain mount brackets



HZXSAFEKIT

- Safety cable kit

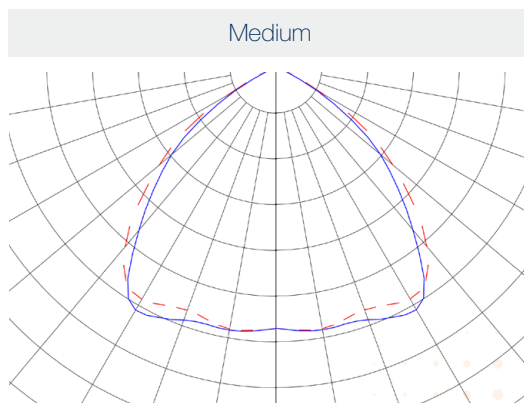
DuroSite LED Linear - UL / CSA

Low Profile - Ordering Information and Light Distribution Pattern

Part Number	Length	CRI	Fixture Lumens	Watt	lm/W	Warranty	Voltage	CCT	Lens	Beam Distribution
LPM3C4M2P	4'	75	7,250	66	110	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LPM3C4H2W	4'	75	6,700	66	102	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LPM3B4M2P	4'	80	6,500	66	98	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LPM3B4H2W	4'	80	6,000	66	91	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LPM3C4D2P	2'	75	3,600	33	109	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LPM3C4B2W	2'	75	3,300	33	100	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LPM3B4D2P	2'	80	3,200	33	97	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LPM3B4B2W	2'	80	2,900	33	88	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium

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

Light Distribution Pattern



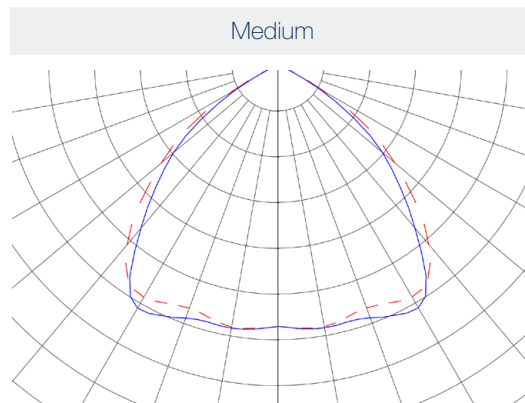
DuroSite LED Linear - UL / CSA

Top Conduit - Ordering Information and Light Distribution Pattern

Part Number	Length	CRI	Fixture Lumens	Watt	lm/W	Warranty	Voltage	CCT	Lens	Beam Distribution
LTM3C4M2P	4'	75	7,250	66	110	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LTM3C4H2W	4'	75	6,700	66	102	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LTM3B4M2P	4'	80	6,500	66	98	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LTM3B4H2W	4'	80	6,000	66	91	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LTM3C4D2P	2'	75	3,600	33	109	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LTM3C4B2W	2'	75	3,300	33	100	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium
LTM3B4D2P	2'	80	3,200	33	97	5yr	100-277 VAC	5000K (cool white)	Clear Polycarbonate	Medium
LTM3B4B2W	2'	80	2,900	33	88	5yr	100-277 VAC	5000K (cool white)	Diffused Polycarbonate	Medium

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



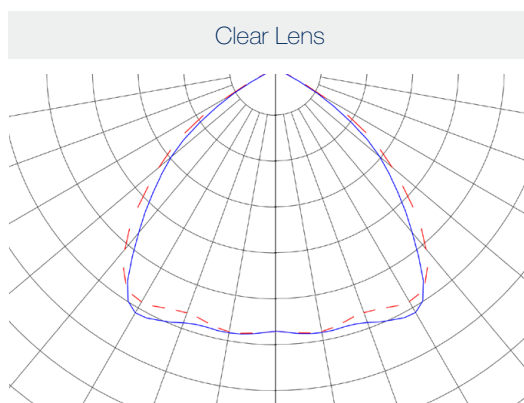
DuroSite LED Linear - UL / CSA

Battery Backup - Ordering Information and Accessories

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, Lumen values are typical (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

Light Distribution Pattern



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