

Dialight



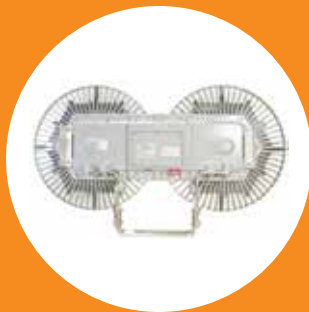
**DuroSite® LED Linear Fixture - UL / CSA**  
for Indoor and Outdoor Industrial Applications



# On when it matters most.

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Products and solutions that protect your business





## Features & Benefits

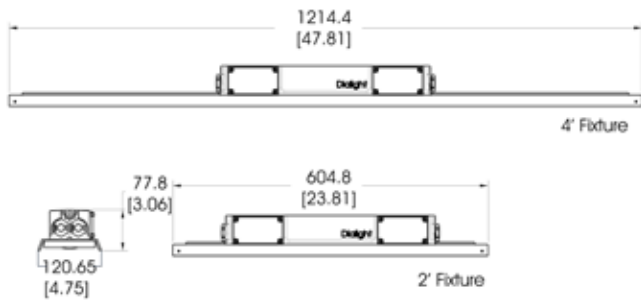
- 5-year full performance warranty
- L70 rated for >100,000 hours @ 25°C
- DLC listed (80 CRI CW & NW models only)
- Instant on/off operation
- Resistant to water, salt, dust & vibration
- Resistant up to 20 PSI of hose directed water
- Universal input (100 - 277V AC), 50/60Hz
- Integrated wiring box
- 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\*
- 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:

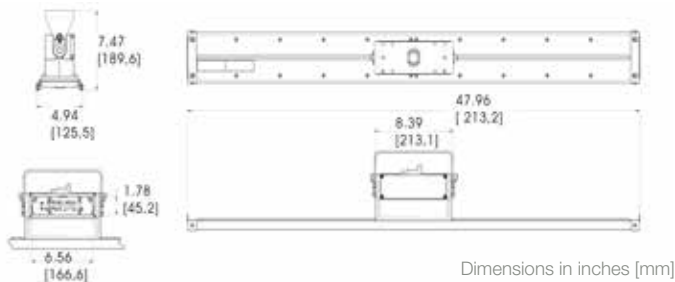
- CRI:** 75, 80
- CCT:** 5000K (cool white)  
4000K (neutral white)
- IES files:** Available at [www.dialight.com](http://www.dialight.com)

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

<sup>1</sup>For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide: [www.dialight.com/pubs/MDTFCHEMRFLX001.PDF](http://www.dialight.com/pubs/MDTFCHEMRFLX001.PDF)

# DuroSite LED Linear - UL / CSA

## Top Conduit



### Certifications & Ratings

- UL 1598/A\*
- 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:

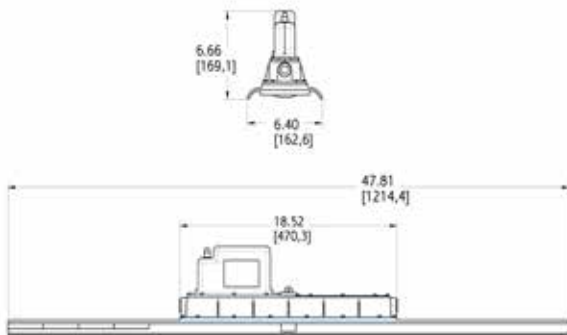
- CRI:** 75, 80
- CCT:** 5000K (cool white)  
4000K (neutral white)
- IES files:** Available at [www.dialight.com](http://www.dialight.com)

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](http://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:** -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](http://www.dialight.com/pubs/MDTFCHEMRFLX001.PDF)

\*@ 25°C ambient

# 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

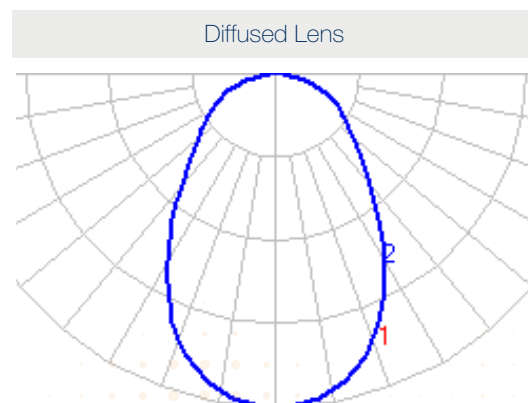
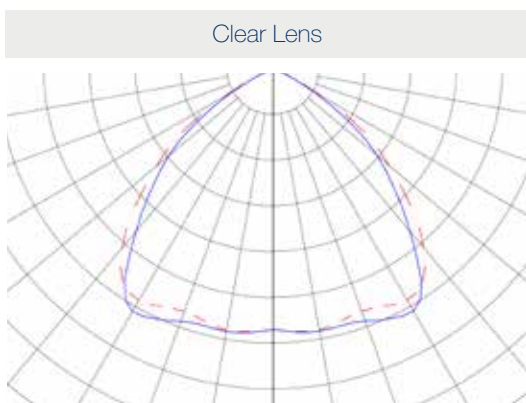
## Low Profile - Ordering Information and Light Distribution Pattern

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

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

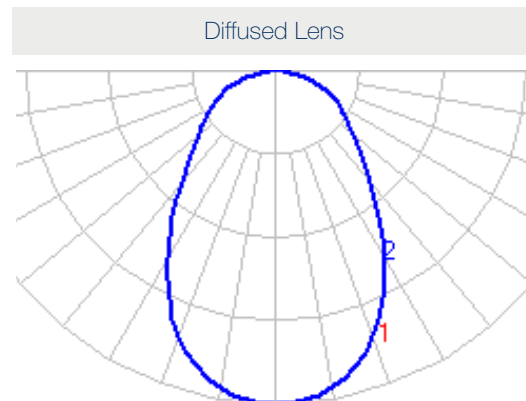
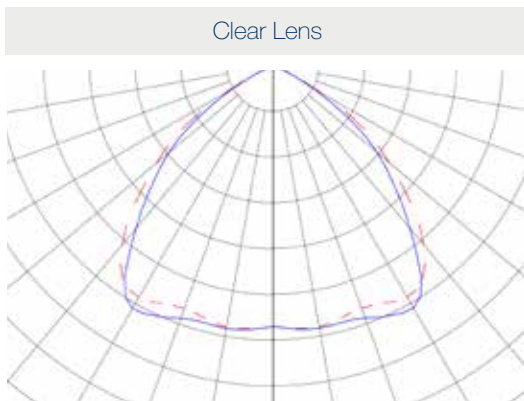
## Top Conduit - Ordering Information and Light Distribution Pattern

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



# 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	82	3yr	120 - 277V AC	5000K (cool white)	Clear Polycarbonate	Circular
LSM3C4MNP	4'	Maintained	75	7,000	85	82	3yr	120 - 277V AC	5000K (cool white)	Clear Polycarbonate	Circular

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

