

# SafeSite<sup>®</sup> LED Linear - UL 844

for Indoor & Outdoor Hazardous Applications - Americas





### Low Profile - Class I, Div. 2 / Class II

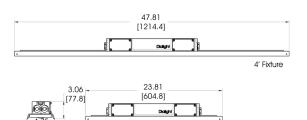


### **Certifications & Ratings**

- 5 year warranty
- UL 1598/A
- UI 844
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- IP66 / 67
- L70 rated for >100.000 hours @ 25°C ambient
- Class I, Div. 2 Groups A, B, C & D
- Class II, Div. 1 Groups E, F & G
- Class II, Div. 2 Groups F & G

2' Fixture

- Class III
- NEMA 4X



Dimensions in inches [mm]

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Temperature Ratings													
Ambient Temperature Range T4A Temperature Code	Ambient Temperature Range T5 Temperature Code												
-4°F to +149°F (-20°C to +65°C)	-4°F to +113°F (-20°C to +45°C)												

### **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:**

100-277 VAC, 50/60Hz Operating voltage: 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

EN 61000-4-5 Surge protection:

> 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:

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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# SafeSite LED Linear - UL 844

# Low Profile - Class I, Div. 2 / Class II - Ordering Information

Classifications: CID2 A, B, C, D • CIID1 E, F, G • CIID2 F, G • CII

Part Number	Length	CRI	CID1	CID2	CIID1	CIID2	CIII	Fixture Lumens	Watt	lm/W	Voltage	ССТ	Lens	Beam Distribution
								Class I,	Div. 2	Models				
LPD3C4M2P	4'	80		•		•	•	7,900	60	132	100-277 VAC	5000K (cool white)	Clear	Medium
LPD3C4H2W	4'	80		•		•	•	7,100	60	118	100-277 VAC	5000K (cool white)	Diffused	Medium
LPD3N4M2P	4'	80		•		•	•	7,300	60	122	100-277 VAC	4000K (neutral white)	Clear	Medium
LPD3N4H2W	4'	80		•		•	•	6,700	60	112	100-277 VAC	4000K (neutral white)	Diffused	Medium
LPD3C4D2P	2'	80		•		•	•	3,850	29	133	100-277 VAC	5000K (cool white)	Clear	Medium
LPD3C4B2W	2'	80		•		•	•	3,500	29	121	100-277 VAC	5000K (cool white)	Diffused	Medium
LPD3N4D2P	2'	80		•		•	•	3,600	29	124	100-277 VAC	4000K (neutral white)	Clear	Medium
LPD3N4B2W	2'	80		•		•	•	3,300	29	114	100-277 VAC	4000K (neutral white)	Diffused	Medium
								Class II	, Div. I l	Models				
LPF3C4M2P	4'	80			•	•	•	7,900	60	132	100-277 VAC	5000K (cool white)	Clear	Medium
LPF3C4H2W	4'	80			•	•	•	7,100	60	118	100-277 VAC	5000K (cool white)	Diffused	Medium
LPF3N4M2P	4'	80			•	•	•	7,300	60	122	100-277 VAC	4000K (neutral white)	Clear	Medium
LPF3N4H2W	4'	80			•	•	•	6,700	60	112	100-277 VAC	4000K (neutral white)	Diffused	Medium
LPF3C4D2P	2'	80			•	•	•	3,850	29	133	100-277 VAC	5000K (cool white)	Clear	Medium
LPF3C4B2W	2'	80			•	•	•	3,500	29	121	100-277 VAC	5000K (cool white)	Diffused	Medium
LPF3N4D2P	2'	80			•	•	•	3,600	29	124	100-277 VAC	4000K (neutral white)	Clear	Medium
LPF3N4B2W	2'	80			•	•	•	3,300	29	114	100-277 VAC	4000K (neutral white)	Diffused	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  $\underline{N}$ . Ex. LPD3 $\underline{C}$ 4M2P becomes LPD3 $\underline{N}$ 4M2P

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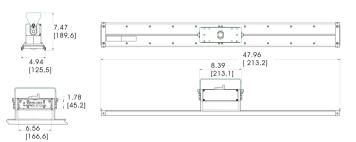


### Top Conduit - Class I, Div. 2 / Class II



### **Certifications & Ratings**

- 5 year warranty
- UL 1598/A
- UL 844
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- IP66
- L70 rated for >100,000 hours @ 25°C ambient
- Class I, Div. 2 Groups A, B, C & D
- Class II, Div. 1 Groups E, F & G
- Class II, Div. 2 Groups F & G
- · Class III
- NEMA 4X



### Dimensions in inches [mm]

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Temperature Ratings												
Ambient Temperature Range T4A Temperature Code	Ambient Temperature Range T5 Temperature Code											
-40°F to +149°F (-40°C to +65°C)	-40°F to +113°F (-40°C to +45°C)											

### **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:**  $-40^{\circ}\text{F to } +149^{\circ}\text{F } (-40^{\circ}\text{C to } +65^{\circ}\text{C})$ 

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

**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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# SafeSite LED Linear - UL 844

# Top Conduit - Class I, Div. 2 / Class II - Ordering Information

Classifications: CID2 A, B, C, D • CIID1 E, F, G • CIID2 F, G • CIII

Part Number	Length	CRI	CID1	CID2	CIID1	CIID2	CIII	Fixture Lumens	Watt	lm/W	Voltage	CCT	Lens	Beam Distribution	
	Class I, Div. 2 Models														
LTD3C4M2P	4'	80		•		•	•	7,900	60	132	100-277 VAC	5000K (cool white)	Clear	Medium	
LTD3C4H2W	4'	80		•		•	•	7,100	60	118	100-277 VAC	5000K (cool white)	Diffused	Medium	
LTD3N4M2P	4'	80		•		•	•	7,300	60	122	100-277 VAC	4000K (neutral white)	Clear	Medium	
LTD3N4H2W	4'	80		•		•	•	6,700	60	112	100-277 VAC	4000K (neutral white)	Diffused	Medium	
LTD3C4D2P	2'	80		•		•	•	3,850	29	133	100-277 VAC	5000K (cool white)	Clear	Medium	
LTD3C4B2W	2'	80		•		•	•	3,500	29	121	100-277 VAC	5000K (cool white)	Diffused	Medium	
LTD3N4D2P	2'	80		•		•	•	3,600	29	124	100-277 VAC	4000K (neutral white)	Clear	Medium	
LTD3N4B2W	2'	80		•		•	•	3,300	29	114	100-277 VAC	4000K (neutral white)	Diffused	Medium	
								Class II	, Div. I I	Models					
LTF3C4M2P	4'	80			•	•	•	7,900	60	132	100-277 VAC	5000K (cool white)	Clear	Medium	
LTF3C4H2W	4'	80			•	•	•	7,100	60	118	100-277 VAC	5000K (cool white)	Diffused	Medium	
LTF3N4M2P	4'	80			•	•	•	7,300	60	122	100-277 VAC	4000K (neutral white)	Clear	Medium	
LTF3N4H2W	4'	80			•	•	•	6,700	60	112	100-277 VAC	4000K (neutral white)	Diffused	Medium	
LTF3C4D2P	2'	80			•	•	•	3,850	29	133	100-277 VAC	5000K (cool white)	Clear	Medium	
LTF3C4B2W	2'	80			•	•	•	3,500	29	121	100-277 VAC	5000K (cool white)	Diffused	Medium	
LTF3N4D2P	2'	80			•	•	•	3,600	29	124	100-277 VAC	4000K (neutral white)	Clear	Medium	
LTF3N4B2W	2'	80			•	•	•	3,300	29	114	100-277 VAC	4000K (neutral white)	Diffused	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. LTD3C4D2P becomes LTD3N4D2P

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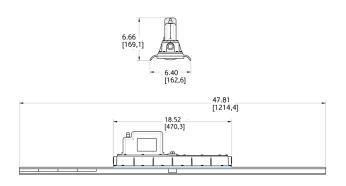
### Battery Backup - Class I, Div. 2 / Class II



### **Certifications & Ratings**

- 5 year warranty
- UL 1598/A
- UL 844
- UL 924
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- IP66

- L70 rated for >100,000 hours @ 25°C ambient
- Class I, Div. 2 Groups A, B, C & D
- Class II, Div. 1 Groups E, F & G
- Class II, Div. 2 Groups F & G
- Class III
- NEMA 4X



Dimensions in inches [mm]

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# Temperature Ratings Ambient Temperature Range T4 Temperature Code -40°F to +149°F (-40°C to +65°C)

### **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 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

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)

IES files: Available at www.dialight.com

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

\*@ 25°C ambient



# **Battery Backup - Ordering Information**

Classifications: CID2 A, B, C, D • CIID1 E, F, G • CIID2 F, G • CIIID1 • CIIID2

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	CRI	Туре	CID2	CIID1	CIID2	CIII	Voltage	Lens	ССТ	Fixture Lumens	Watt	lm/W	Beam Distribution	
	Class I, Div. 2 Models														
LSD3C4MEP	4'	75	Sustained					120-277 VAC	Clear	5000K (cool white)	7,000	85	82	Medium	
LSD3C4MNP	4'	75	Maintained					120-277 VAC	Clear	5000K (cool white)	7,000	85	82	Medium	
	Class II Models														
LSF3C4MEP	4'	75	Sustained		•	•	•	120-277 VAC	Clear	5000K (cool white)	7,000	85	82	Medium	
LSF3C4MNP	4'	75	Maintained		•	•	•	120-277 VAC	Clear	5000K (cool white)	7,000	85	82	Medium	

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

Part numbers listed in the above table are cool white. For neutral white models replace the 5th character with N. Ex. LSF3C4MEP becomes LSF3N4MEP

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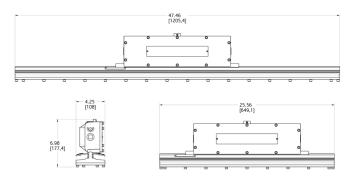


### Class I, Div. 1



### **Certifications & Ratings**

- 5 year warranty
- UL1598
- UL844
- CSA C22.2 No. 137
- Class I, Div. 1 Groups C & D
- IP66
- NFMA 4X
- L70 rated for >100,000 hours @ 25°C ambient



Dimensions in inches [mm]

Temperature Ratings												
Ambient Temperature Range T4A Temperature Code	Ambient Temperature Range T5 Temperature Code											
-40°F to +149°F (-40°C to +65°C)	-40°F to +113°F (-40°C to +45°C)											

### **Mechanical Information:**

**Fixture weight:** 4' - 26 lb (11.8 kg)

2' - 17.5 lb (7.9 kg)

**Shipping weight:** 4' - 28 lb (12.7 kg)

2' - 19.5 lb (8.8 kg)

Mounting: (1) Threaded 3/4" NPT side

(2) Threaded 3/4" NPT ends

### **Electrical Specifications:**

**Operating voltage:** 100-277 VAC, 50/60Hz or

347/480 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

### Construction:

Finish: Superior dual coat finish

- Sealed polyester topcoat

- Chemical resistant epoxy primer

Lens: Glass

### **Photometric Information:**

**CRI:** 75

CCT: 5000K (cool white)

400K (neutral white)

IES files: Available upon request

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



# Class I, Div. 1 - Ordering Information

Classifications: CID1 C, D

Platform Part Number	Legacy Part Number	Length	CRI	Voltage	Voltage Lens		Fixture Lumens	Watt	lm/W	Beam Distribution					
	CID1 - 100-277 VAC Models														
LRC7MB27NNNNGN	LSC3C4M3GEX	4'	75	100-277 VAC	Tempered glass	5000K (cool white)	7,250	68	106	Medium					
LSC7MB23NNNNGN	LSC3C4D3GEX	2'	75	100-277 VAC	00-277 VAC Tempered glass		3,600	34	106	Medium					
CID1 - 347/480 VAC Models															
LRC7MB57NNNNGN	LSC3C5M3GEX	4'	75	347/480 VAC	Tempered glass	5000K (cool white)	7,250	100	72	Medium					
LSC7MB53NNNNGN	LSC3C5D3GEX	2'	75	347/480 VAC	Tempered glass	5000K (cool white)	3,600	50	72	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. LSC3Q4D3GEX becomes LSC3N4D3GEX.

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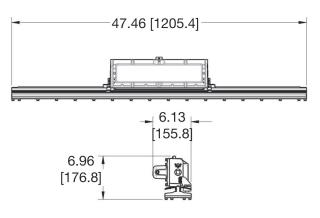


### Battery Backup - Class I, Div. 1

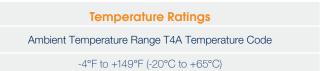


#### **Certifications & Ratings**

- 5 year warranty
- UL 1598/A
- UL 844
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- L70 rated for >100,000 hours @ 25°C ambient
- Class I, Div. 1 Groups C & D
- Class I, Div. 2 Groups A, B, C & D
- IP66
- NEMA 4X



Dimensions in inches [mm]



### **Mechanical Information:**

 Fixture weight:
 32 lb (14.5 kg)

 Shipping weight:
 35 lb (15.9 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

Lumen output

in battery mode: 500lm

**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

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: Tempered glass

### **Photometric Information:**

**CRI:** 75

CCT: 5000K (cool white)

**IES files:** Available at www.dialight.com

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

\*@ 25°C ambient



# Battery Backup - Class I, Div. 1 - Ordering Information

Classifications: CID1 Groups C, D

Platform Part Number	Legacy Part Number	Length	CRI	Туре	Voltage	Lens CCI		Fixture Lumens	Watt	lm/W	Beam Distribution				
	Class I, Div. 1 Model														
LRC7MB27NNNNGE	LSC3C4MEGEX	4'	75	Sustained	120-277 VAC	Tempered glass	5000K (CW)	7,250	85	85	Medium				

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

Part numbers listed in the table above are cool white. For neutral white models, replace the 5th character with an  $\underline{N}$ .

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# **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°

#### 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°



#### **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

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# **Mounting and Accessories**

### Class I, Div. 2 / Class II, Div. 1 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



### LSXBATREP1

• Battery Replacement Kit for CID2/CIID1 Linear

### Class I, Div. 1 (Standard & BB Model)



### LSXW5

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



### HZXSAFEKIT

· Safety cable kit



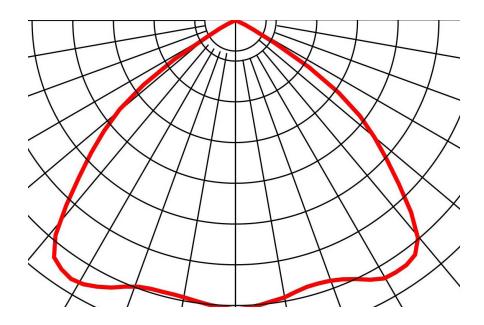
### LSXBATREP2

Battery Replacement Kit for CID1 Linear



### **Beam Distribution**

### Circular



### **North American HQ**

1501 Route 34 South Farmingdale, NJ 07727

тег. 732-919-3119 Fax: 732-751-5778 info@dialight.com

### **Dialight Europe Ltd**

Highdown House, Yeoman Way, Worthing, England BN99 3HH Tel: +44 (0) 203 058 3540 Customer Service: +44 (0) 163 866 654' sales-emea@dialight.com

### Middle East

Level 23 – Boulevard Plaza Tower 2 Emaar Boulevard, Dubai, U.A.E.

Tel: +971 (4) 409-6962 Fax: +971 (4) 409-6850

### Australia

108 Howe Street
Osborne Park, WA 6017
Tel: +61 (0) 8 9244 7600
Fax: +61 (0) 8 9244 7600
info@dialight.com.au

### **Southeast Asia**

56 Kallang Pudding Road #09 – 08 HH@Kallang Singapore 349328 Tel: +65 6578 7271 Fax: +65 6578 7150

enquiry@dialight.com.sg

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