





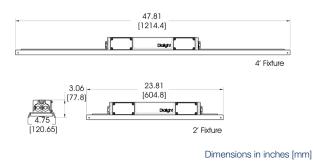
Low Profile - Class I, Div. 2 / Class II



Dialight

Certifications & Ratings

- 5 year warranty
- UL 1598/A
- UL 844
- CSA C22.2 No. 137
- CSA C22.2 No. 250
- IP66 / 67
- Class I, Div. 2 Groups A, B, C & D



• Class II, Div. 1 Groups E, F & G

• L70 rated for >100,000 hours @

Class II, Div. 2 Groups F & G

Class III

• NEMA 4X

25°C ambient

Temperature Ratings

Ambient Temperature Range T4A
Temperature CodeAmbient 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:

Mechanical mormano	11.
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 Specification	s:
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
Construction:	
Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical resistant epoxy primer
Lens:	Polycarbonate
Photometric Informatio	n:
CRI:	75, 80
CCT:	5000K (cool white) 4000K (neutral white)
IES files:	Available at www.dialight.com
All values typical unless other	wise 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.



Low Profile - 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		D1 CIID2	CIII	Fixture Lumens	Watt	lm/W	Voltage	ССТ	Lens	Beam Distribution
Class I, Div. 2 Models												
LPD3C4M2P	4'	75	•			7,250	66	110	100-277 VAC	5000K (cool white)	Clear	Medium
LPD3C4H2W	4'	75	•			6,700	66	102	100-277 VAC	5000K (cool white)	Diffused	Medium
LPD3B4M2P	4'	80	•			6,500	66	98	100-277 VAC	5000K (cool white)	Clear	Medium
LPD3B4H2W	4'	80	•			6,000	66	91	100-277 VAC	5000K (cool white)	Diffused	Medium
LPD3C4D2P	2'	75	•			3,600	33	109	100-277 VAC	5000K (cool white)	Clear	Medium
LPD3C4B2W	2'	75	•			3,300	33	100	100-277 VAC	5000K (cool white)	Diffused	Medium
LPD3B4D2P	2'	80	•			3,200	33	97	100-277 VAC	5000K (cool white)	Clear	Medium
LPD3B4B2W	2'	80	•			2,900	33	88	100-277 VAC	5000K (cool white)	Diffused	Medium
						Clas	s II Mo	dels				
LPF3C4M2P	4'	75	•	•	٠	7,000	66	106	100-277 VAC	5000K (cool white)	Clear	Medium
LPF3C4H2W	4'	75	•	•	٠	6,500	66	98	100-277 VAC	5000K (cool white)	Diffused	Medium
LPF3B4M2P	4'	80	•	•	٠	6,300	66	95	100-277 VAC	5000K (cool white)	Clear	Medium
LPF3B4H2W	4'	80	•	•	٠	6,000	66	91	100-277 VAC	5000K (cool white)	Diffused	Medium
LPF3C4D2P	2'	75	•	•	٠	3,500	33	106	100-277 VAC	5000K (cool white)	Clear	Medium
LPF3C4B2W	2'	75	•	•	•	3,300	33	97	100-277 VAC	5000K (cool white)	Diffused	Medium
LPF3B4D2P	2'	80	•	•	•	3,000	33	91	100-277 VAC	5000K (cool white)	Clear	Medium
LPF3B4B2W	2'	80	•	•	•	2,700	33	82	100-277 VAC	5000K (cool 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. LPD3C4M2P becomes LPD3N4M2P

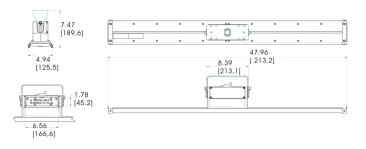
Top Conduit - Class I, Div. 2 / Class II



Dialight

Certifications & Ratings

- 5 year warranty
- UL 1598/A
- UL 844
- CSA C22.2 No. 137CSA C22.2 No. 250
- Class IIINEMA 4X
- IP66
- L70 rated for >100,000 hours @ 25°C ambient



Dimensions in inches [mm]

• Class I, Div. 2 Groups A, B, C & D

• Class II, Div. 1 Groups E, F & G

• Class II, Div. 2 Groups F & G

Temperature Ratings

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

Mechanical Informatio	n:
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 Specification	s:
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
Construction:	
Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical resistant epoxy primer
Lens:	Polycarbonate
Photometric Informatio	n:
CRI:	75, 80
CCT:	5000K (cool white) 4000K (neutral white)
IES files:	Available at www.dialight.com
All values typical unless other	wise stated (tolerance +/- 10%)

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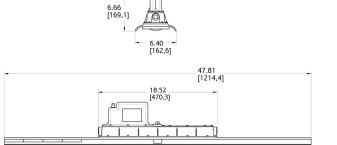
Class I, Div. 2 / Class II



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]

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:	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 Specification	IS:
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 Informatio	n:
CRI:	75
CCT:	5000K (cool white)
IES files:	Available at www.dialight.com

All values typical unless otherwise stated (tolerance +/- 10%) * @ 25°C ambient

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.



Class I, Div. 2 / Class II - Ordering Information

Classifications: CID1 C, D • 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	CID1	CID2	CIID1	CIID2	CIII	Voltage	Lens	ССТ	Fixture Lumens	Watt	lm/W	Beam Distribution
	Class I, Div. 1 Models														
LSC3C4MEGEX	4'	75	Sustained	•	•				120-277 VAC	Clear	5000K (cool white)	7,250	85	85	Medium
	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
	<u> </u>							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



Class I, Div. 1

Dialight



Certifications & Ratings

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

Dimensions in inches [mm]

	Temperature	Ratings
biont Tomporatura	Dongo T4A	Ambient Temperat

Ambient Temperature Range 14A	Ambient Temperature Range 15
Temperature Code	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	on:
CRI:	75
CCT:	5000K (cool white) 400K (neutral white)
IES files:	Available upon request

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

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Class I, Div. 1 - Ordering Information

Classifications: CID1 C, D

Platform Part Number	Legacy Part Number	Length	CRI	Voltage	Lens	ССТ	Fixture Lumens	Watt	lm/W	Beam Distribution
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	Tempered glass	5000K (cool white)	3,600	34	106	Medium
				347/4	80 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.

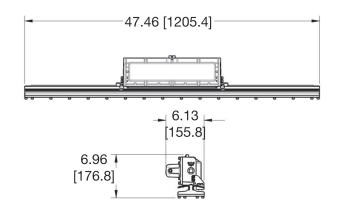


Battery Backup - Class I, Div. 1



Certifications & Ratings

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



Dimensions in inches [mm]

Temperature Ratings

Ambient Temperature Range T4A Temperature Code

-4°F to +149°F (-20°C to +65°C)

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 Specification	s:
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 Informatio	n:
CRI:	75
CCT:	5000K (cool white)
IES files:	available at www.dialight.com

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

* @ 25°C ambient

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Class I, Div. 1 - Ordering Information

Battery Backup

Classifications: CID1 C, D • CID2 A, B, C, D

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	CID1	CID2	CIID1	CIID2	CIII	Voltage	Lens	ССТ	Fixture Lumens	Watt	lm/W	Beam Distribution
							Cla	ss I, Di	v. 1 Models						
LSC3C4MEGEX	4'	75	Sustained	٠	•				120-277 VAC	Clear	5000K (cool white)	7,250	85	85	Medium



Hazardous Locations Ratings

Fixed and portable fixtures for installation and use in hazardous (classified) locations Class I, Divisions 1 and 2, Groups A, B, C, and D; Class II, Division 1, Groups E, F, and G; Class II, Division 2, Groups F and G; and Class III, Divisions 1 and 2, in accordance with the National Electrical Code, NFPA 70

Classes

The classes define the general nature of hazardous material in the surrounding atmosphere.

Class	Hazardous Material in Surrounding Atmosphere
Class I	Hazardous because flammable gases or vapors are present in the air in quantities sufficient to produce explosive or ignitable mixtures.
Class II	Hazardous because combustible or conductive dusts are present.
Class III	Hazardous because ignitable fibers or flying's are present, but not likely to be in suspension in sufficient quantities to produce ignitable mixtures. Typical wood chips, cotton, flax and nylon. Group classifications are not applied to this class.

Divisions

The division defines the probability of hazardous material being present in an ignitable concentration in the surrounding atmosphere.

Division	Presence of Hazardous Material
Division 1	The substance referred to by class is present during normal conditions.
Division 2	The substance referred to by class is present only in abnormal conditions, such as a container failure or system breakdown.

Groups

The group defines the hazardous material in the surrounding atmosphere.

Group	Hazardous Material in Surrounding Atmosphere
Group A	Acetylene
Group B	Hydrogen, fuel and combustible process gases containing more than 30% hydrogen by volume or gases of equivalent hazard such as butadiene, ethylene, oxide, propylene oxide and acrolein.
Group C	Carbon monoxide, ether, hydrogen sulfide, morphline, cyclopropane, ethyl and ethylene or gases of equivalent hazard.
Group D	Gasoline, acetone, ammonia, benzene, butane, cyclopropane, ethanol, hexane, methanol, methane, vinyl chloride, natural gas, naphtha, propane or gases of equivalent hazard.
Group E	Combustible metal dusts, including aluminum, magnesium and their commercial alloys or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in connection with electrical equipment.
Group F	Carbonaceous dusts, carbon black, coal black, charcoal, coal or coke dusts that have more than 8% total entrapped volatiles or dusts that have been sesitized by other material so they present an explosion hazard.
Group G	Flour dust, grain dust, flour, starch, sugar, wood, plastic and chemicals.



Mounting and Accessories

Low Profile Linear





Mounting and Accessories

Battery Backup Linear



Class I, Div. 1



LSXW5

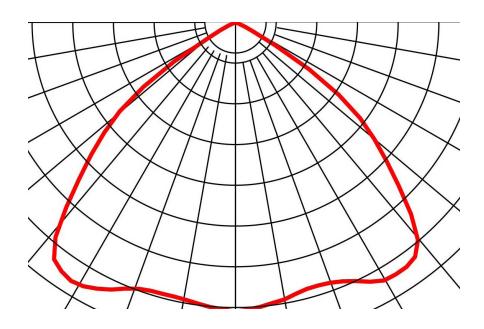
- Aluminum mounting bracket
- Can be angled at 0°, 30°, 45°, 60° & 90°





Beam Distribution

Circular



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WARNING / DISCLAIMERS

Installation & secondary retention. The use of this product 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) as applicable. Dialight products are intended for ultimate purchase, installation and operation by knowledgeable persons trained in the functional assessment, installation, use and maintenance of such products and all customers (including but not limited to end customers) are responsible for assessing the suitability of Dialight products for any given installation requirement. 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 as appropriate) and in complications. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. All values and performance data herein are design or

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