

DuroSite® LED End-to-End 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
- Instant on/off operation
- Resistant to dust & vibration
- Excellent corrosion resistance to water & salt
- Universal input (120 277V AC, 50/60Hz)
- Temperature compensation technology for longer life
- Integrated wiring box on each end for easy install
- Low profile housing for limited space applications
- Through wiring capability

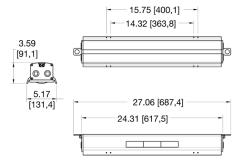
Application

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 IP66/67 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.

Standard Model

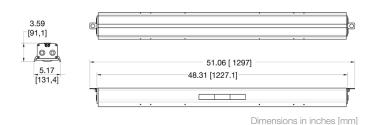


2' End - to - End Linear Dimensional



Dimensions in inches [mm]

4' End - to - End Linear Dimensional



Certifications & Ratings

• UL 1598/A

• IP66/67

• CSA 22.2 No. 250.0

NEMA 4X

Mechanical Information:

Fixture weight:

4' - 18 lbs (8.16 kg)

2' - 13 lbs (5.90 kg)

Shipping weight:

4' - 20 lbs (9.07 kg) 2' - 15 lbs (6.80 kg)

Mounting:

(4) 3/4" NPT openings

(4) 3/4 TVFT Openings

Optional ceiling, flush or swivel mounting

bracket

Electrical Specifications:

Operating voltage:

120 - 277V AC

Power consumption:

See table

Operating temp:

-40°F to +149°F (-40°C to +65°C)

Harmonics:

61000-3-2

Transient protection:

FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m,

80MHz-1GHz

Surge protection:

EN 61000-4-5 6kV line to line 6kV line to ground

THD:

< 20%

Power factor:

> 0.9

Construction:

Extruded 6063 aluminum

Housing: Finish:

Superior dual coat finish

Sealed polyester topcoatChemical-resistant epoxy primer

Lens:

Polycarbonate

Photometric Information:

CRI:

80

CCT:

5000K (cool white)

4000K (neutral white)

IES files:

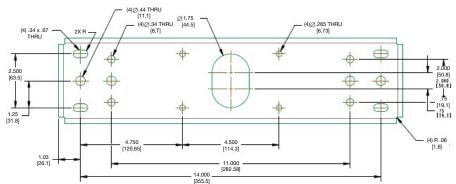
Available at www.dialight.com

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

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

Mounting Options

Swivel Mount





EEX-S6

- 316 Stainless steel swivel mounting bracket
- Can be angled at 0°, 30°, 45°, 60°, and 90°



Ceiling Mount



EEX-C6

• 316 Stainless steel fixed ceiling mount



Flush Mount

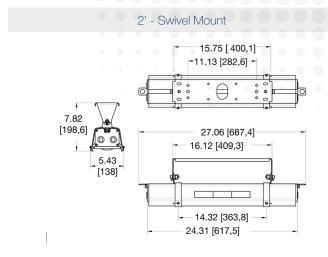


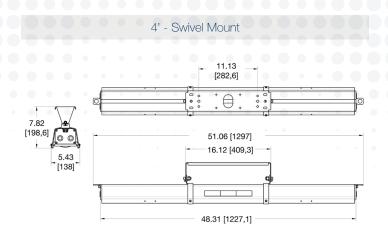
EEX-F6

316 Stainless steel flush mount

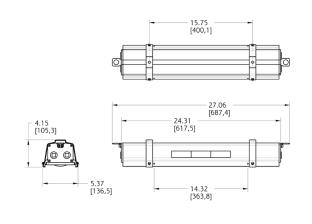


Mounting Dimensional

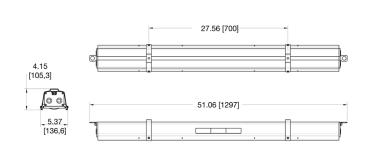




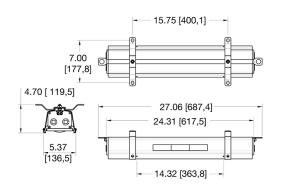
2' - Flush Mount



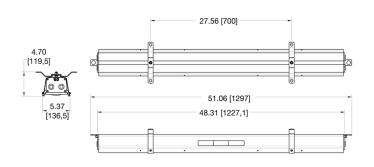
4' - Flush Mount



2' - Ceiling Mount



4' - Ceiling Mount



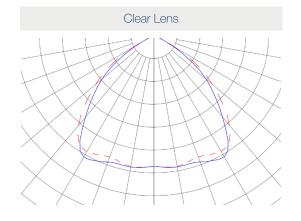
Ordering Information

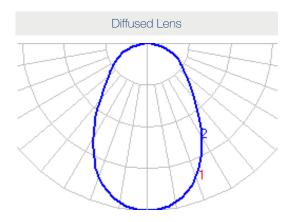
Part Number	Length	CRI	Fixture Lumen	Watt	LPW	Voltage	CCT	Lens	Optical Pattern
LBU2MB3FNNNGN	4'	80	7,500	60	125	120 - 277V AC	5000K (cool white)	Clear polycarbonate	Circular
LBU6MB3FNNNGN	4'	80	6,750	60	112	120 - 277V AC	5000K (cool white)	Diffused polycarbonate	Circular
LAU2MB3BNNNNGN	2'	80	4,000	32	125	120 - 277V AC	5000K (cool white)	Clear polycarbonate	Circular
LAU6MB3BNNNNGN	2'	80	3,500	32	109	120 - 277V AC	5000K (cool white)	Diffused polycarbonate	Circular

All lumen values are typical (tolerance +/- 10%)

Part numbers listed in the above table are cool white. For neutral white models replace the 6th character with N. Ex. LBU2MB3FNNNNGN becomes LBU2MN3FNNNNGN.

Light Distribution Pattern





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

North American HQ

1501 Route 34 South Farmingdale, NJ 07727

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

Copenhagen

Ejby Industrivej 91 E

Tel: +45 8877 4400 Fax: +45 3582 0099

E-mail:Info-dk@dialight.com

Houston office

16830 Barker Springs Rd Ste 407 Houston, TX 77084

EMEA HQ

Exning Road, Newmarket Suffolk, England, CB8 0AX Tel: +44 (0) 1638 665161

Australia office

38 O'Malley St

Osborne Park WA 6017

Tel: +61 (0) 8 9244 7600

Fax: +61 (0) 8 9244 7601

Brazil

Av. Joao Antonio Meccatti,

1601 – Galpao 07 – Jd Planalto

Jundiai – SP – 13211-223

Tel: +55 (11) 4431-4300

Fax: +55 (11) 4431-4300

Email:vendas.brasil@dialight.com

Middle East office

Level 42

Emirates Towers (Office Tower)

Sheikh Zaved Road

Dubai, United Arab Emirates

Tel: +971(0)4319 7686

Southeast Asia office

240 Macpherson Road #07-05 Pines Industrial Building Singapore 348574

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