

**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 warranty
- L70 rated for >125,000 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

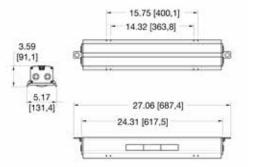
## **Application**

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

CSA 22.2 No. 250

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

Optional ceiling, flush or swivel mounting

#### **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:

Housing:

Extruded 6063 aluminum

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:

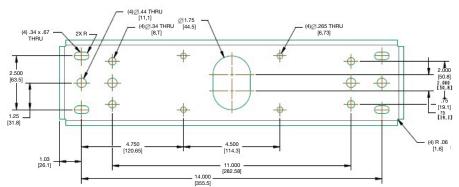
Available at www.dialight.com

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

\* 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

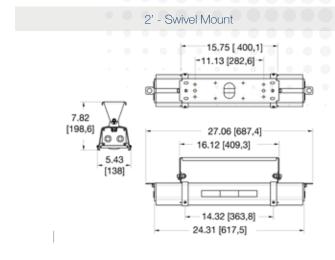


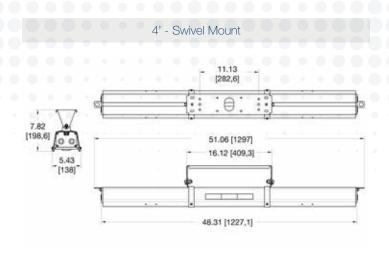
#### EEX-F6

316 Stainless steel flush mount

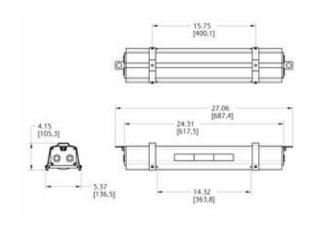


## **Mounting Dimensional**

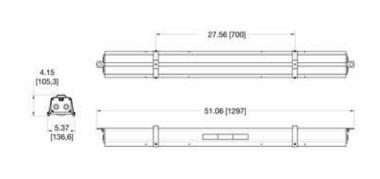




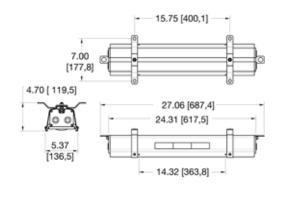
### 2' - Flush Mount



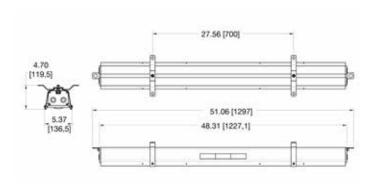
## 4' - Flush Mount



### 2' - Ceiling Mount



4' - Ceiling Mount



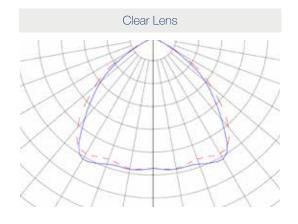
## **Ordering Information**

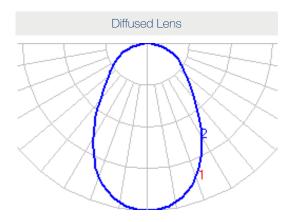
Part Number	Length	CRI	Fixture Lumen	Watt	LPW	Voltage	CCT	Lens	Optical Pattern
LBU2MB3FNNNGN	4'	80	7,500	60	125	120 - 277V AC	5000K (cool white)	Clear polycarbonate	Circular
LBU6MB3FNNNGN	4'	80	6,750	60	112	120 - 277V AC	5000K (cool white)	Diffused polycarbonate	Circular
LAU2MB3BNNNNGN	2'	80	4,000	32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





<sup>\*</sup> 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

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

## **EMEA Technical Centre**

Ejby Industrivej 91 B

200 Glostrup

Tel: +45 8877 4545 (Denmark) Tel: +44 1638 666541 (UK)

Tel: +49 89 12089 5713 (Germany Tel: +33 3 23 22 62 58 (France)

sales-europe@dialight.com

## Houston

16830 Barker Springs Rd Ste 407

Tel: 732-919-3119 Faz: 281-492-1531 info@dialight.com

## Middle East

Level 42
Emirates Towers (Office Tower)
Sheikh Zayed Road
Dubai, United Arab Emirates

Fax: +971 (0) 4319 7686 Tel: +971 (0) 4319 7686

## Australia

38 O'Malley Street Osborne Park, WA 6017 Tel: +61 (0) 8 9244 7600 Fax: +61 (0) 8 9244 7600 info@dialight.com.au

## **Southeast Asia**

33 Ubi Avenue 3 #07-72 Vertex (Tower A) Singapore 408868 Tel: +65 6578 7157 Fax: +65 6578 7150 enquiry@dialight.com.sg

## Brazil

Alameda Mercurio, 225 – American Park Empresarial NR Indaiatuba – SP – 13347–662

Tel: +55 (19) 3113-4300 Fax: +55 (19) 3113-4300

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