

DuroSite® LED End-to-End Linear Fixture - CE 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

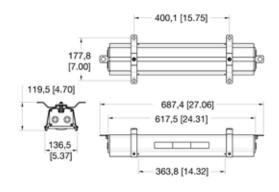
Application

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 Models

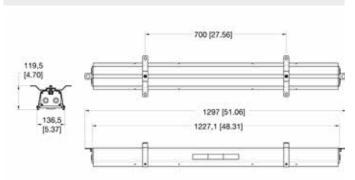


2' End - to - End Linear Dimensional



Dimensions in mm [inches]

4' End - to - End Linear Dimensional



Dimensions in mm [inches]

Certifications & Ratings

• CE

EN55015

EN61547

EN60598-2-1

EN61347

EN61000-3-2 EN62031

EN62471

IP66/67

NEMA 4X

. . . .

Mechanical Information:

Fixture weight:

1,30m - 8.16kg (18 lbs) 687,4mm - 5.90 kg (13 lbs)

Shipping weight: 1,30m - 9.07 kg (20 lbs)

687,4mm - 6.80 kg (15 lbs)

Mounting: (4) M25 openings

Factory-installed 316 stainless steel

ceiling mount

Electrical Specifications:

Operating voltage: 120 - 277V AC

Power consumption: See table

Operating temp: -40°C to +65°C (-40°F to +149°F)

Transient protection: EN 55015 - conducted and radiated EN 61000-3-2, EN 61000-4-2,

EN 61000-3-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-6, EN 61000-4-11

Surge protection: EN 61000-4-5

6kV line to line 6kV line to ground

THD: < 20% **Power factor:** > 0.9

Construction:

Housing: Extruded 6063 aluminium

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

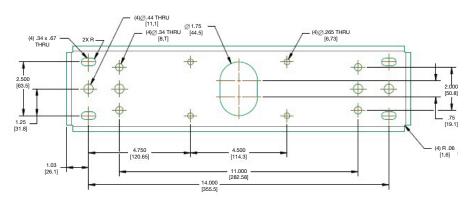
All values typical unless otherwise stated (tolerance +/- 10%)

* 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

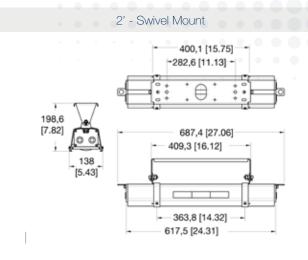


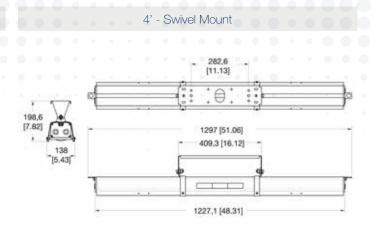
EEX-F6

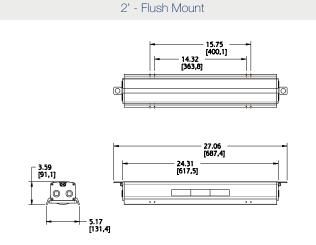
316 Stainless steel flush mount

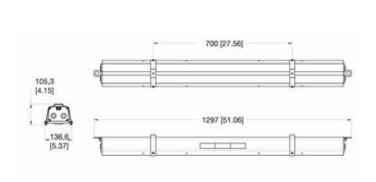


Dimensions for Alternate Mounting Brackets









4' - Flush Mount

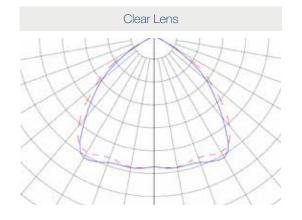
Ordering Information

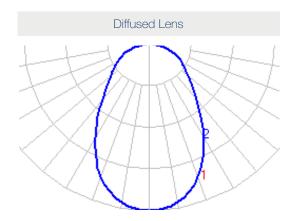
Part Number	Length	CRI	Fixture Lumen	Watt	LPW	Voltage	CCT	Lens	Optical Pattern
LBE2MB3FNANNGN	1,30m	80	7,500	60	125	120 - 277 V AC	5000K (cool white)	Clear polycarbonate	Circular
LBE6MB3FNANNGN	1,30m	80	6,750	60	112	120 - 277 V AC	5000K (cool white)	Diffused polycarbonate	Circular
LAE2MB3BNANNGN	687,4mm	80	4,000	32	125	120 - 277 V AC	5000K (cool white)	Clear polycarbonate	Circular
LAE6MB3BNANNGN	687,4mm	80	3,500	32	109	120 - 277 V 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, please replace the 6th character with $\underline{\mathbf{N}}$. Ex. LBE2M $\underline{\mathbf{B}}$ 3FNANNGN becomes LBE2M $\underline{\mathbf{N}}$ 3FNANNGN. For factory-installed swivel mount, please replace the 10th character with $\underline{\mathbf{S}}$. Ex. LBE2MB3FN $\underline{\mathbf{A}}$ NNGN becomes LBE2MN3FN $\underline{\mathbf{S}}$ NNGN.

Light Distribution Pattern





Copenhagen

Ejby Industrivej 91 B 2600 Glostrup

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

E-mail:Info-dk@dialight.com

North American HQ

1501 Route 34 South Farmingdale, NJ 07727

Fax: 732-751-5778 info@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 Tal: ±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 Zayed Road
Dubai, United Arab Emirates
Tel: +971(0)4319 7686

Southeast Asia office

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

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at:

www.dialight.com/Assets/Brochures, And, Catalons/Illiumination/MDEXLINE2EFLIX001 odf.