



DuroSite[®] LED FBL Linear Series - NSF

Technical Specification Sheet - Americas



JULY 2022

DuroSite® LED FBL Linear Fixture - NSF

Technical Spec Sheet



Certifications & Ratings

- 5 year warranty
- UL 1598 (wet location)
- cULus listed
- IP69K
- 1500 PSI rated
- NEMA 4X
- IK 10
- NSF certified for Splash and Non-Food Zones
- L70 rated for >140,000 hours @ 25°C
- Made in the USA



Dimensions in inches [mm]

Model	Length (in)
FBL4	48.38
FBL8	94.75

Mechanical Information:

Fixture weight:	4' - 6.3 lb (2.9 kg) 8' - 12.2 lb (5.5 kg)
Shipping weight:	4' - 7.8 lb (3.5 kg) 8' - 14.2 lb (6.4 kg)
Mounting:	Suspension
Wiring/connection:	3-pole mini-chage receptacle (For additional options, please consult factory)

Electrical Specifications:

Operating voltage:	120-277 VAC
Power consumption:	See table
Operating temp:	Standard: -40°F to +140°F (-40°C to +60°C) Battery Backup: 32°F to +113°F (0°C to +45°C)
Transient protection:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Surge protection:	6kV line-to-line 6kV line-to-ground
THD:	< 20%
Power factor:	> 0.9

Construction:

Housing: Coextruded Copolyester/Aluminum

Photometric Information:

CRI:	85
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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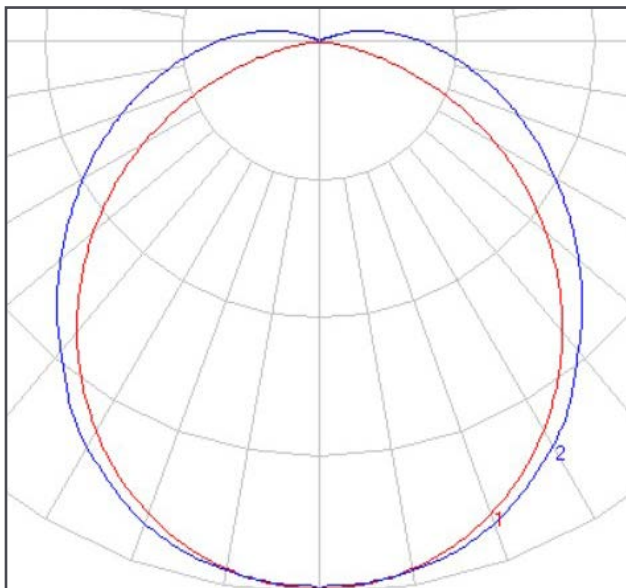
DuroSite® LED FBL Linear Fixture - NSF

Ordering Information

FBL Linear - NSF								
Part Number	Length	Fixture Lumens	Wattage	lm/W	Voltage	CCT	CRI	Connection
Standard Models								
FBL-4-HL-CW	4ft	10,000	76	131	120-277 VAC	5000K (cool white)	85	3-pole receptacle
FBL-4-HL-NW	4ft	9,500	76	125	120-277 VAC	4000K (neutral white)	85	3-pole receptacle
FBL-8-HL-CW	8ft	20,000	152	131	120-277 VAC	5000K (cool white)	85	3-pole receptacle
FBL-8-HL-NW	8ft	19,000	152	125	120-277 VAC	4000K (neutral white)	85	3-pole receptacle
Battery Backup Models								
FBLE-4-HL-CW-4QC	4ft	10,000	76	128	120-277 VAC	5000K (cool white)	85	4-pole receptacle
FBLE-4-HL-NW-4QC	4ft	9,500	78	122	120-277 VAC	4000K (neutral white)	85	4-pole receptacle
FBLE-8-HL-CW-4QC	8ft	20,000	156	128	120-277 VAC	5000K (cool white)	85	4-pole receptacle
FBLE-8-HL-NW-4QC	8ft	19,000	156	121	120-277 VAC	4000K (neutral white)	85	4-pole receptacle

All lumen values are typical (tolerance +/- 10%)
 For DLC approved products, -DIM suffix is required (e.g. FBL-4-HL-CW becomes FBL-4-HL-CW-DIM). Please note that products with the -DIM suffix are required to come with a 5-pole mini-change receptacle to accommodate 0-10 VDC dimming.

Beam Distribution



Accessories

Part Number	Description
FBL-CBL-6	6ft power cable for standard units
FBL-CBL-20	20ft power cable for standard units
FBLE-CBL-6-4P	6ft power cable for Battery Backup units
FBL-SUR-MT	Surface Mount kit
FBL-WALL-MT	Wall Mount Kit

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