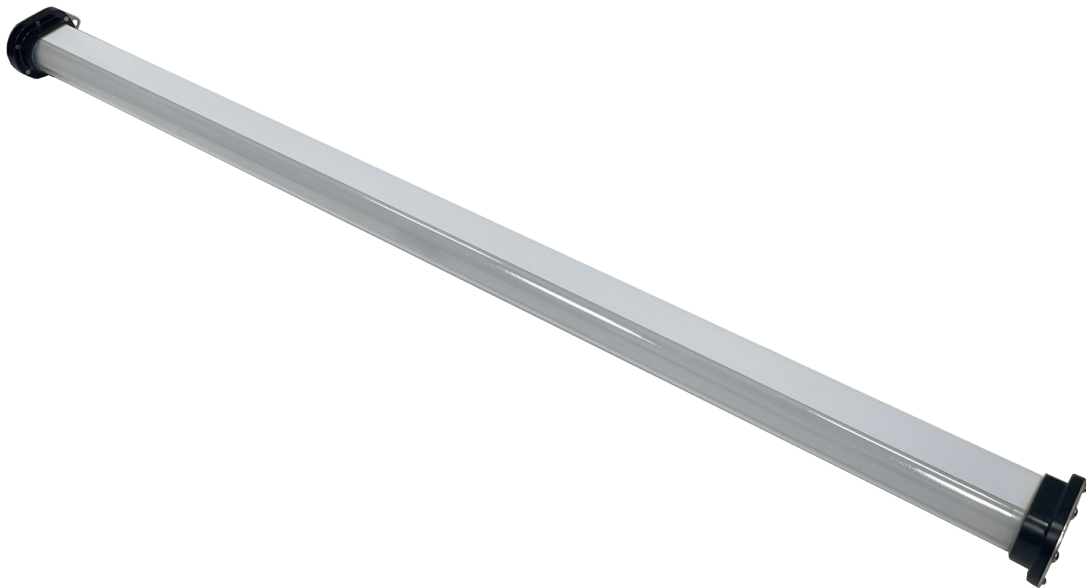




DuroSite® LED FBL Linear Series - NSF

Technical Specification Sheet - Americas



JULY 2025

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 clips included
Wiring/connection:	3-pole mini-change 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%)

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.

DuroSite® LED FBL Linear Fixture - NSF

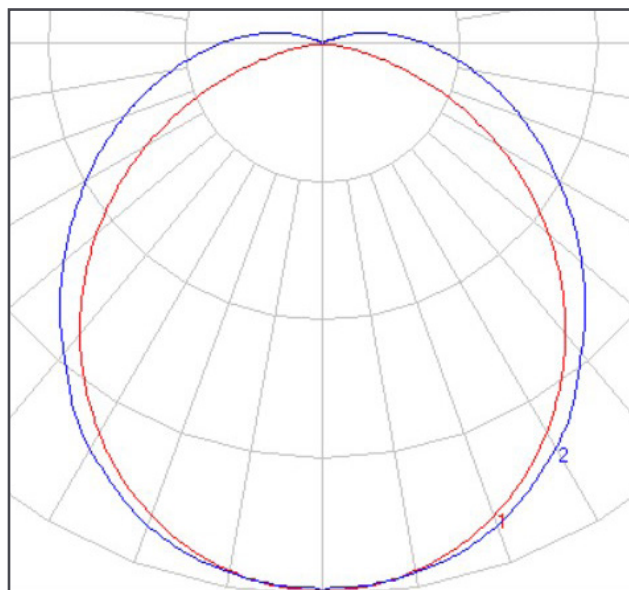
Ordering Information

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	4ft	10,000	82	122	120-277 VAC	5000K (cool white)	85	3-pole receptacle
FBLE-4-HL-NW	4ft	9,500	82	116	120-277 VAC	4000K (neutral white)	85	3-pole receptacle
FBLE-8-HL-CW	8ft	20,000	162	123	120-277 VAC	5000K (cool white)	85	3-pole receptacle
FBLE-8-HL-NW	8ft	19,000	162	117	120-277 VAC	4000K (neutral white)	85	3-pole receptacle

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

For through wiring capability, add - THRU at the end of any standard model

Beam Distribution



Accessories

Part Number	Description
FBL-CBL-6	6ft power cable for standard units
FBL-CBL-20	20ft power cable for standard units
FBL-SUR-MT	Surface Mount kit
FBL-WALL-MT	Wall Mount Kit
FBL-JMP-1	FBL 1ft 3-pole Jumper cord
FBL-JMP-3	FBL 3ft 3-pole Jumper cord
FBL-JMP-6	FBL 6ft 3-pole Jumper cord

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at www.dialight.com as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at www.dialight.com, the latter shall prevail.

North American HQ

1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119
Fax: 732-751-5778
info@dialight.com

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 compliance with all applicable laws and regulations.

Product specifications & warranties. 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 typical values when measured under laboratory conditions. The information herein is subject to change without notice. The products / software detailed herein are subject to applicable warranties and terms and conditions of use/purchase. Unless agreed otherwise in writing by an authorized representative of Dialight, Dialight does not represent that its products are fit for any particular purpose and accepts no liability for the installation and/or unauthorised use of its products. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranties. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at www.dialight.com as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document and information provided at www.dialight.com, the latter shall prevail.

Exclusion of liability. To the extent permissible under the relevant law, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products. Whilst Dialight has used its reasonable endeavours to ensure the completeness and accuracy of information herein, Dialight does not assume any liability for damages resulting from use of this information or for any third-party representations made in relation to Dialight products.