

Linear High Bay G2



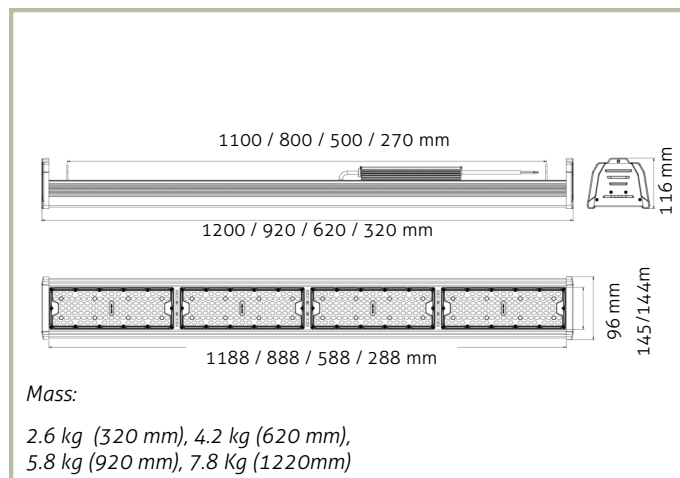
A high output LED linear alternative to standard metal halide or T5 high bays. High quality construction using a lightweight aluminium chassis with an advanced proprietary driver and Lumileds LED packages, the design offers very effective thermal management and performance characteristics. Available from 80W to 300W and with a range of circular and elliptical beam angles, they can cover a large spectrum of lighting requirements.

Key applications: Industrial, Warehousing, Retail, Cold Storage, Sports Facilities etc.

GENERAL SPECIFICATIONS:

Power Factor	≥ 0.98 (230V)
Electrical Input	100-277 V / 50-60 Hz
Dimming Options	1-10V & DALI (Opt)
Colour Temperatures	4000K (3000K, 5000K, 6500K opt.)
Colour Rendering Index	Ra ≥ 80
Operating Temperatures	- 30 to 55 deg. C
Construction	Ext. aluminium body, PC lens
Ingress Protection	IP65
Impact Protection	IK10
Warranty	5 years

DIMENSIONS:



MODELS

Product Code	Description	Size	Power	Flux*
ELB1S80W840G2	Linear high bay G2, 840, 80W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	320 x 145 x 116 mm	80 W	10,100 lm
ELB2S100W840G2	Linear high bay G2, 840, 100W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	620 x 145 x 116 mm	100 W	14,200 lm
ELB2S120W840G2	Linear high bay G2, 840, 120W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	620 x 145 x 116 mm	119 W	16,300 lm
ELB3S150W840G2	Linear high bay G2, 840, 150W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	920 x 145 x 116 mm	149 W	21,000 lm
ELB3S200W840G2	Linear high bay G2, 840, 200W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	920 x 145 x 116 mm	199 W	26,100 lm
ELB4S240W840G2	Linear high bay G2, 840, 240W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	1220 x 145 x 116 mm	238 W	32,000 lm
ELB4S300W840G2	Linear high bay G2, 840, 300W, Circular 30°/60°/90°, Elliptical 30x70°/ 40°x 130°	1220 x 145 x 116 mm	299 W	38,500 lm

Notes:

* Flux values shown here refer to 4000K specification with 90° distribution.

ACCESSORIES (INCLUDED AS STANDARD)

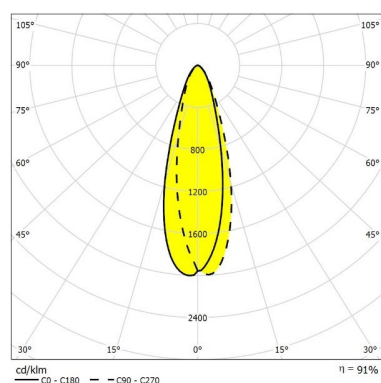
Accessory	Description
Surface-mounting brackets	Pair of brackets for surface-mounting (either ceiling or wall); to attach to the existing luminaire end caps



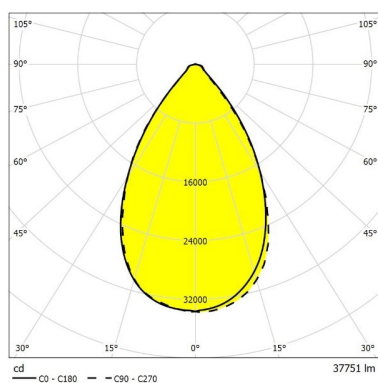
OPTIONAL ACCESSORIES

					
Microwave Motion Sensor IP65	12V Microwave/PIR Sensor	Emergency Power Supply	Zigbee Controller & Receiver	Adjustable surface-mounting brackets	Cable Cover

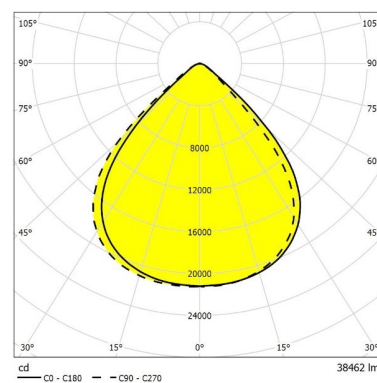
LIGHT DISTRIBUTION:



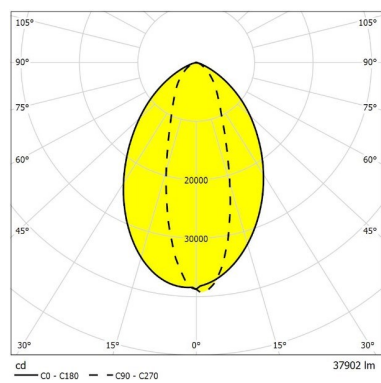
C1: Circular Optic 30°



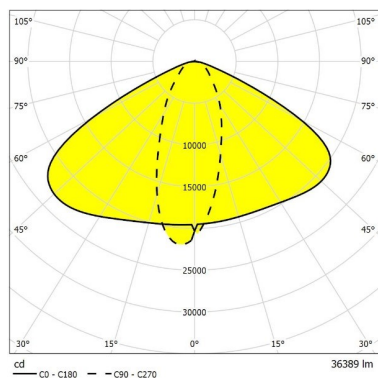
C2: Circular Optic 60°



C3: Circular Optic 90°



E1: Elliptical 30x70°



E2: Elliptical 40°x 130°

Note:

Polar curves shown here relate to 300W 4000K versions; however, distribution is indicative of the performance of all wattage variants.

LUMEN MAINTENANCE:

Model	L70	L80	L90	Ambient Temp.
Linear High Bay (B10 basis)	-	125,000 hrs	59,000 hrs	35° C

Lumen maintenance values have been calculated using TM21 methods, based on LM80 data and ISTMT data while operating in the specified ambient conditions. LM80 data covers 6,000 hours, so predictions beyond 36,000 hours are outside of TM21 reporting guidelines, and are provided here for indicative purposes only.