

## Linear High Bay



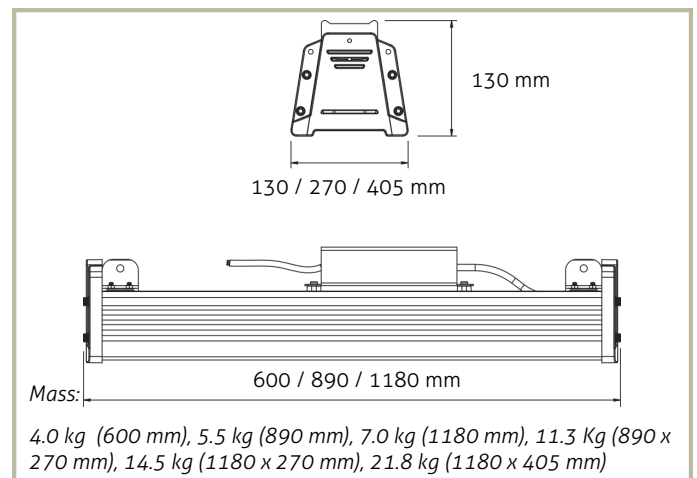
A high output LED linear alternative to standard metal halide or T5 high bays. High quality construction using a lightweight aluminium chassis with an advanced proprietary driver and Lumileds LED packages, the design offers very effective thermal management and performance characteristics. Available from 100W to 240W, with a range of beam angles and the ability to connect multiple fixtures together side-by-side (up to 600W maximum), they can cover a large spectrum of lighting requirements.

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

### GENERAL SPECIFICATIONS:

Power Factor	≥ 0.95 (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 50 deg. C
Construction	Ext. aluminium body, PC lens
Ingress Protection	IP65
Impact Protection	IK08 (Pending)
Warranty	5 years

### DIMENSIONS:



### MODELS

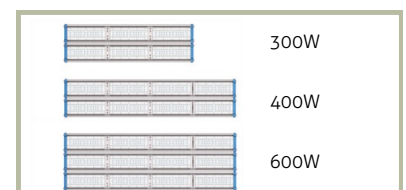
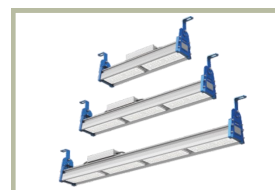
Product Code	Description	Size	Power	Flux*
ELB600S100W840	Linear high bay, 4000K 100W, 30x70°/30°/60°/90°	600 x 130 x 130 mm	102 W	11,800 lm
ELB600S120W840	Linear high bay, 4000K 120W, 30x70°/30°/60°/90°	600 x 130 x 130 mm	121 W	13,500 lm
ELB900S150W840	Linear high bay, 4000K 150W, 30x70°/30°/60°/90°	890 x 130 x 130 mm	151 W	17,800 lm
ELB900S180W840	Linear high bay, 4000K 180W, 30x70°/30°/60°/90°	890 x 130 x 130 mm	179 W	19,800 lm
ELB1200S200W840	Linear high bay, 4000K 200W, 30x70°/30°/60°/90°	1180 x 130 x 130 mm	202 W	23,900 lm
ELB1200S240W840	Linear high bay, 4000K 240W, 30x70°/30°/60°/90°	1180 x 130 x 130 mm	243 W	27,800 lm
ELB900S300W840	Linear high bay — 2 x 150W	890 x 270 x 135 mm	301 W	34,100 lm
ELB1200400W840	Linear high bay — 2 x 200W	1180 x 270 x 135 mm	401 W	45,700 lm
ELB1200600W840	Linear high bay — 3 x 200W	1180 x 405 x 135 mm	602 W	69,750 lm

#### Notes:

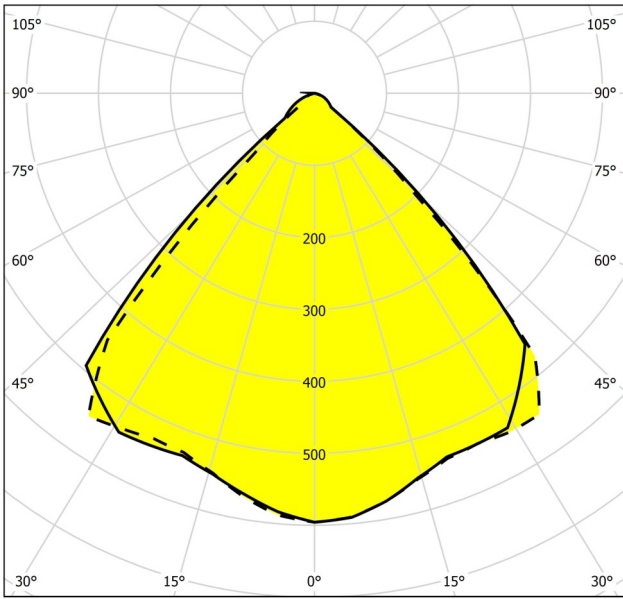
\* Flux values shown here refer to 4000K specification with 90° distribution.

### ACCESSORIES

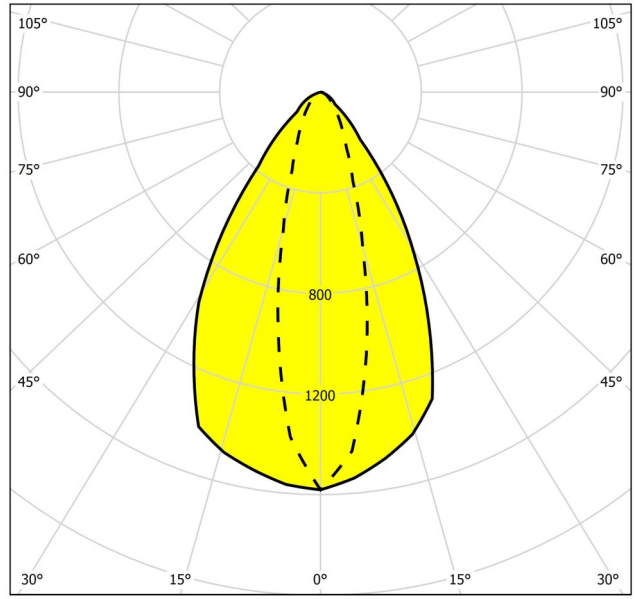
Accessory	Description
Surface-mounting brackets	Pair of brackets for surface-mounting (either ceiling or wall); to attach to the existing luminaire end caps



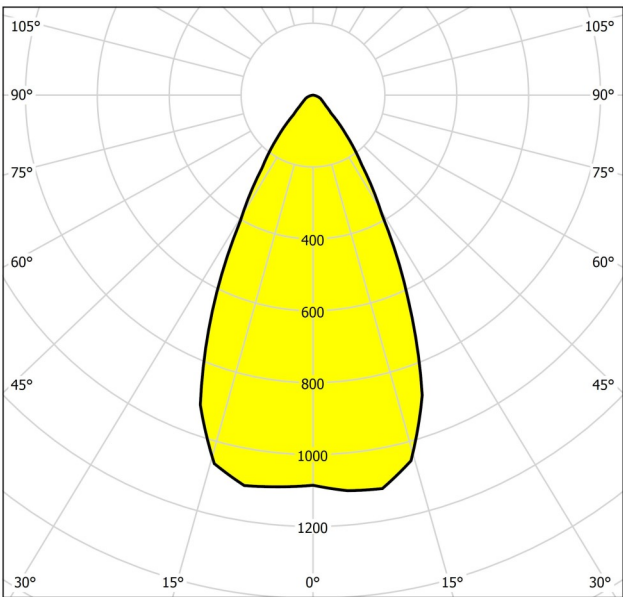
**LIGHT DISTRIBUTION:**



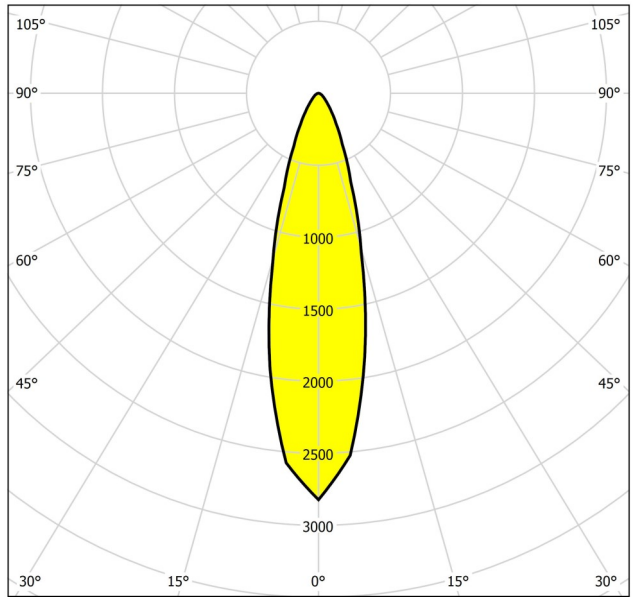
cd/klm  
90° Optic (Wide/Area distribution)



cd/klm  
30 x 70° Optic (Medium/Aisle distribution)



cd/klm  
60° Optic (Medium distribution)



cd/klm  
30° Optic (Narrow distribution)

**Note:**

Polar curves shown here relate to 200W 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.