

# Helm

Linear recessed asymmetric or symmetric LED luminaire



Symmetric

## Optics

- Available with two optics;
  - Asymmetric: angled micropolymer TP(a) diffuser for asymmetric light distribution
  - Symmetric: flat micropolymer TP(a) diffuser for symmetric and open area light distribution
- Output options Asymmetric:
  - 595mm - 1561 lumens (14.3W)
  - 1196mm - 2991 lumens (27W)
- Output options Symmetric
  - 595mm - 1599 lumens (14.3W)
  - 1196mm - 3063 lumens (27W)
- 4000K colour temperature
- Emergency Output (BLF):
  - All variants - 335 Lumens

## Body

- IP40 From below (IP20 from behind ceiling)
- Extruded aluminium body finished white
- RAL Colour: White RAL9003.
- Optional integral emergency available; 3hr maintained or COMEUPS (can be wired as Easytest)
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling
- For recessing into Exposed T or plasterboard ceilings (plasterboard installation kit to be ordered separately)
- Asymmetric version can be used with MSU Kit for Mental Health - Medium Secure Unit & Anti-Ligature applications

# Order codes

## Asymmetric

				B50		
Asymmetric	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
595mm, 1561 lumens (14.3W)	HEAH14K	HEAH14KLEM	109	>100k	>100k	50k
1196mm, 2991 lumens (27W)	HEAH24K	HEAH24KLEM	111	>100k	>100k	50k

Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

## Symmetric

				B50		
Symmetric	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
595mm, 1599 lumens (14.3W)	HEH14K	HEH14KLEM	112	>100k	>100k	50k
1196mm, 3063 lumens (27W)	HEH24K	HEH24KLEM	113	>100k	>100k	50k

Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

## Accessories

Asymmetric plasterboard installation bracket kit	HEABKTKIT
Symmetric plasterboard installation bracket kit	HEBKTKIT

## Options

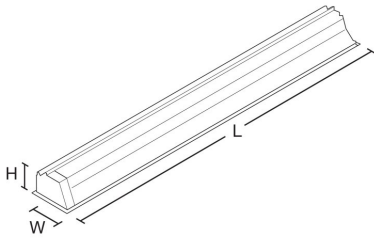
COMEPS*	Add suffix LEP	i.e HEAH14KLEP
DALI	Replace H with Y	i.e HEAY14K

Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.

# LED Performance

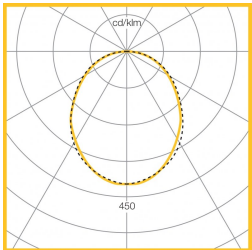
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

# Dimensions

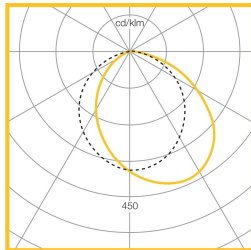


VERSION	L	W	H	KG	KG(EM)	Prepared Aperture
Asymmetric, 1600lm	595	146	87	1.8	2.8	135.5x578
Symmetric, 1600lm	595	117	103	1.6	2.6	100x578
Asymmetric, 3000lm	1196	146	87	3.4	4.4	135.5x1179
Symmetric, 3000lm	1196	117	103	2.9	3.9	100x1179

# Photometric Performance

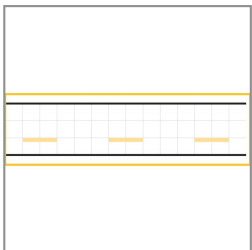


Symmetric 30W  
LED 3000 Lumens  
LOR = 100.0%  
SHR MAX = 1.48



Asymmetric 30W  
LED 3000 Lumens  
LOR = 100.0%  
SHR MAX = 1.60

# Performance Guide



Lamps	30W LED
Illuminance	200 Lux
Spacing	3.0m x 0.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.0m

# To Specify

## **Helm Asymmetric**

Recessed LED linear IP40 luminaire, with polycarbonate TP(a) rated micropolymer angled diffuser for asymmetric light distribution. Extruded aluminium finished white, designed to fit both modular T-bar or plasterboard ceilings – as Whitecroft Lighting HELM ASYMMETRIC

## **Helm Symmetric**

Recessed LED linear IP40 luminaire, with easy to clean polycarbonate TP(a) rated micropolymer diffuser for open area light distribution. Extruded aluminium body finished white, designed to fit both modular T-bar or plasterboard ceilings – as Whitecroft Lighting HELM SYMMETRIC

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