

Hygiene LED

IP54/IP20 recessed luminaire



Overview

A recessed luminaire with easy to clean surfaces including a TP(a) diffuser that is suitable for a variety of clean area applications. Hygiene LED provides the ideal solution for challenging spaces with an IP54 performance requirement.

Optics

- 600mm x 600mm*
 - 2007 lumens (17W)
 - 3350 lumens (29W)
 - 4101 lumens (38W)
- 600mm x 1200mm*
 - 6006 lumens (54W)
- Available with 3000K and 4000K LED
- TP(a) Opal Polycarbonate diffuser to limit spread of flame in the event of fire
- Optic has smooth face on the room side for easy cleaning
- Emergency output on all versions: 350 lumens.

*Nominal dimensions

Body

- Steel body and frame, finished white
- RAL Colour: White RAL9003
- Surface covered screw caps to reduce risk of bacterial contamination
- Tab features on luminaire body to accommodate a wide range of Exposed T, Spring T and SAS ceilings
- IP54 to the front, IP20 to the rear
- Optional Lumafix brackets for cut aperture and alternative ceiling types
- Optional recessing panel for Spring T ceilings (required to maintain IP54 rating)
- Integral emergency options:
 - 3 hour self contained
 - COMEPS DALI addressable
 - Also available with "EW" Routefinder Wireless for addressable emergency testing without the need for a 2 core communication cable
- 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

Order codes

600mm x 600mm *

				B50		
4000K	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
2007 lumens (17W)	HYLKH14K	HYLKH14KLEM	118	100k	100k	100k
3350 lumens (29W)	HYLKH24K	HYLKH24KLEM	115	100k	100k	100k
4101 lumens (38W)	HYLKH34K	HYLKH34KLEM	107	100k	100k	100k

* Recessing Panel required to maintain IP54 rating if used in Spring T ceilings

600mm x 1200mm *

				B50		
4000K	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
6006 lumens (54W)	HYLKH44K	HYLKH44KLEM	111	100k	100k	100k

* Recessing Panel required to maintain IP54 rating if used in Spring T ceilings

Options

DALI	Replace H with Y	HYLKY14K
COMEPS	Add EP	HYLKH14KEP

For 3000K colour temperature, please contact Whitecroft.

Accessories

Hygiene Recessing Panel for Spring T - 600 x 600 * HRP600X600

Hygiene Recessing Panel for Spring T - 600 x 1200 * HRP600X1200

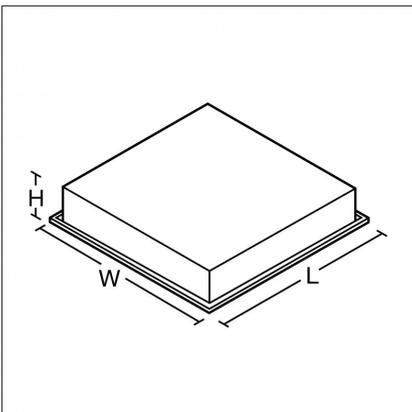
Lumafix Bracket Kit LUMAFIXBKTKIT

* Recessing Panel required to maintain IP54 rating if used in Spring T ceilings

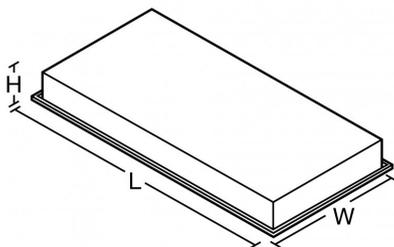
LED Performance

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

Dimensions

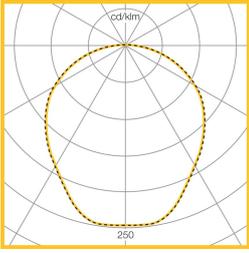


VERSION	L	W	H	KG	KG(EM)
600 x 600	599	599	117	7	8



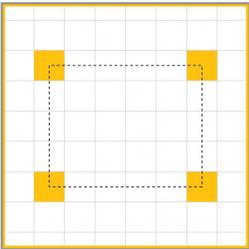
VERSION	L	W	H	KG	KG(EM)
600 x 1200	1199	599	117	10	11

Photometric Performance



Hygiene LED -
HYLKH34K
LOR = 100%
SHR MAX = 1.63

Performance Guide



Version & Lumens	HYLKH34K & 4145 lumens
Layout	3.0 x 2.4m
Average	516 lux
Uniformity	0.89
Ceiling Height	2.70m
Working Plane	0.75m
Maintenance Factor	0.8
Reflectance	70/50/20

To Specify

Recessed LED luminaire sealed as IP54 to the front with steel body frame finished white and surface covered screw caps. TP(a) polycarbonate diffuser with smooth face on room side - as Whitecroft Lighting HYGIENE LED.