

Hygiene LED

IP54/IP20 recessed luminaire

Whitecroft
lighting

100+
LL/CW



IP $\frac{20}{54}$

LED

ECA



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*
 - 2000 lumens (20W)
 - 3300 lumens (33W)
 - 4100 lumens (44W)
- 600mm x 1200mm*
 - 6000 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: 295 lumens.

*Notional 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)

Order codes

600mm x 600mm *

				B50		
4000K	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
2000 lumens (20W)	HYLKH14K	HYLKH14KEM	101	100k	100k	100k
3300 lumens (33W)	HYLKH24K	HYLKH24KEM	100	100k	100k	100k
4100 lumens (44W)	HYLKH34K	HYLKH34KEM	93	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
6000 lumens (54W)	HYLKH44K	HYLKH44KEM	 110	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

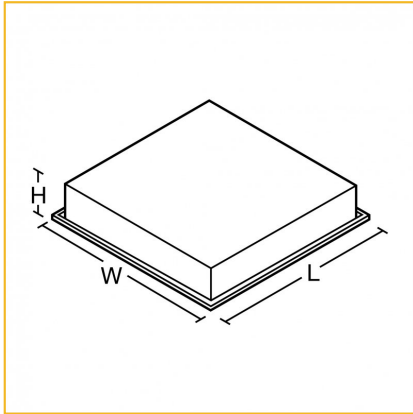
Hygiene Recessing Panel for Spring T - 600 x 600 *	HRP600X600
Hygiene Recessing Panel for Spring T - 600 x 1200 *	HRP600X1200
Lumafix Bracket Kit	LUMAFIXBTKIT

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

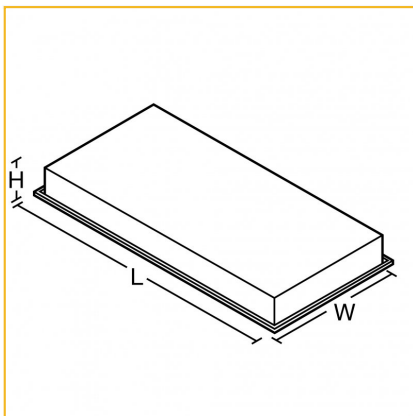
LED Performance

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

Dimensions

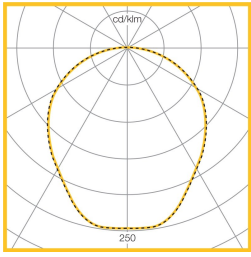


VERSION	L	W	H	KG	KG(EM)
600 x 600	599	599	117	7	8



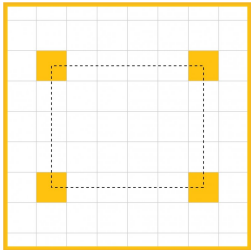
VERSION	L	W	H	KG	KG(EM)
600 x 1200	1199	599	117	10	11

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.