



Optics

- Light output options:
 - 4000 Kelvin 'cool white' colour temperature
- High quality, single bin LEDs with a 4 MacAdam ellipse tolerance
- White or blue LED feature halo ring options. (Trim ring supplied)
- Polycarbonate opal diffuser
- 50,000 hours life expectancy
- Up to 87 luminaire lumens per circuit watt

Body

- Surface mounted as standard
- Recessing kit to be ordered separately
- 300mm or 400mm diameter in cast aluminium with injection moulded base
- Finished in silver or white
- IP44
- Choice of integrated emergency options:
 - 3 hour emergency
 - EasyTest
 - COMEPS
- Optional Command 5 microwave detector mounted behind the diffuser available that can be set to one of two configurations;
 - Microwave presence detection with ON/OFF operation
 - Microwave presence detection with High/Low/Off set-back functionality. Can be set to switch from 100% down to set-back position of 50%, 30%, 20%, 10% or OFF
- Command 5 detector is available as an individual stand alone unit or a wireless communicating slave/master unit for controlling groups of up to 15 luminaires
- Optional trim ring available for an alternative aesthetic finish (supplied separately)
- Product also available in suspended, see page 88

Order Codes

300mm	Fixed Output	3 hr Emergency
800 lumens (11W)	K4H364KS	K4H364KSEM
1100 lumens (15W)	K4H3124KS	K4H3124KSEM

400mm	Fixed Output	3 hr Emergency
1700 lumens (20W)	K4H4154KS	K4H4154KSEM
2300 lumens (28W)	K4H4204KS	K4H4204KSEM

Accessories

Recessing kit 300mm silver	KLREC300S
Recessing kit 400mm silver	KLREC400S
Trim ring 300mm silver	KLTR300S
Trim ring 400mm silver	KLTR400S

Options

WHITE LED HALO RING*	Add HA after K4	i.e. K4 HA H464KS
BLUE LED HALO RING*	Add HB after K4	i.e. K4 HB H464KS
DALI DIMMING	Replace H with Y	i.e. K4 Y 364KS
EASYTEST	Add suffix /ET	i.e. K4H364KS/ ET
COMEPS	Add suffix /EP	i.e. K4H364KS/ EP
COMMAND 5**	Replace H with Q5	i.e. K4 Q5 464KS

COMMAND 5		
WIRELESS MASTER***	Replace H with Q5WM	i.e. K4 Q5WM 4154KS
COMMAND 5		
WIRELESS SLAVE***	Replace H with Q5WS	i.e. K4 Q5WS 4154KS
WHITE FINISH	Replace S with W	i.e. K4H364 W

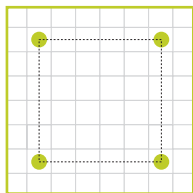
*Only available with 400mm product. Trim rings supplied as standard with halo variants

**Command 5 not available in 300mm emergency or DALI or recessed products

***Command 5 wireless not available in 300mm, DALI or recessed products

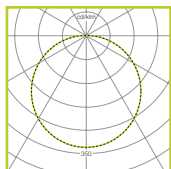
Performance Guide

Lamps	Illuminance	Spacing
28W LED	200 lux	3.0m x 3.0m

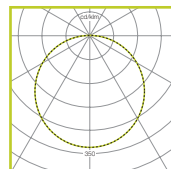


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

Photometric Performance



300mm
11W 800 lumen
• LOR = 100%
• SHR MAX = 1.64



400mm
20W 1700 lumen
• LOR = 100%
• SHR MAX = 1.64

Utilisation Factors UF(F)

Utilisation Factors of (1)					
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.67	0.95	1.03

Utilisation Factors UF(F)

Utilization Factors of (U)					
Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.67	0.95	1.02



Recess Ring (supplied separately)



Without Trim Ring

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 4 SDCM

Equivalent Lamp Types

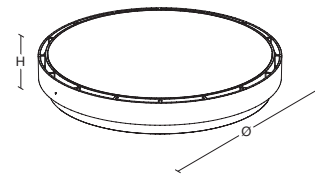
800/1100 Lumen Output

2D lamp	1 x 28W
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1700/2300 Lumen Output

2D lamp	1 x 38W
TC-D lamp	2 X 26W

Dimensions



Version	Ø	H	CAØ	KG	KG/m²
300mm recessed	320	95	310	2.0	2.5
300mm surface	300	95	-	2.0	2.5
400mm recessed	420	95	410	3.4	3.8
400mm surface	400	95	-	3.4	3.8

To Specify

Surface mounted or recessed circular IP44 LED bulkhead luminaire in 300 or 400mm diameter. Polycarbonate opal diffuser. Optional integrated microwave presence detector with ON/OFF or set-back functionality in stand alone or master/slave configuration – as Whitecroft Lighting KOLO