

horizon 360

circular surface
LED luminaire



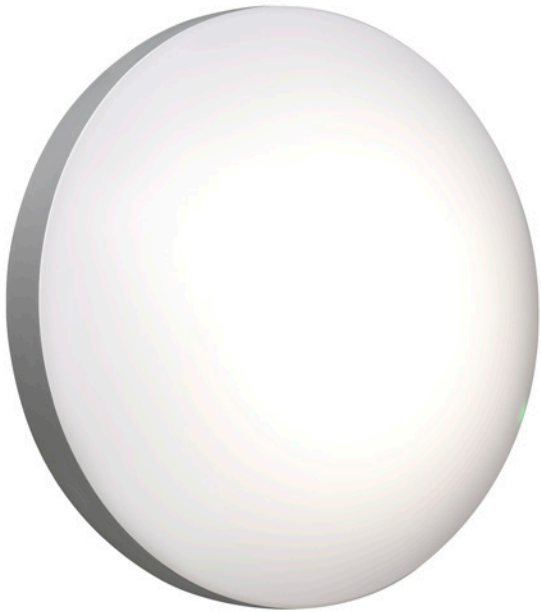
Optics

- Output options;
 - 1300 lumen, 12W
 - 1700 lumen, 17W
 - 2300 lumen, 24W*
- Polycarbonate convex opal diffuser for optimum light uniformity and no visible spotting of LEDs
- Available in 3000K or 4000K colour temperatures

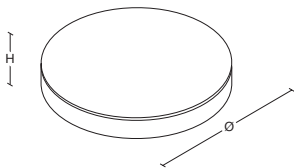
Body

- Surface mounted as standard
- Body finished in textured white
- IP44
- Choice of integral emergency options; 3 hour emergency or COMECS* (can be wired as Easytest if required)
- Optional Command 5 microwave detector mounted behind the diffuser available with presence detection. Can be set for simple ON/OFF switching or to switch from 100% down to setback position of 50%, 30%, 20% or 10%
- Command 5 detector is available as an individual standalone unit or a wireless communicating slave/master unit for controlling groups of up to 16 luminaires

* Can be wired as Easytest if required. COMECS not available on 2300 lumen product.



Dimensions



Ø	H	KG	KG ²
367	117	1.3	2.3

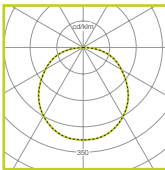
Order Codes

4000K	Fixed Output	3 hr Emergency
1300 lumens (12W)	HZH14K	HZH14KEM
1700 lumens (17W)	HZH24K	HZH24KEM
2300 lumens (24W)	HZH34K	HZH34KEM

Options

DALI	Replace H with Y	HZY14K
COMECS*	Add suffix EP	HZH14KEP
3000K	Replace 4K with 3K	HZH13K
Com5 with set back	Add Q5 after Z	HZQ5H14K
Com5 wireless master	Replace second H with Q5WM	HZQ5WM14K
Com5 wireless slave	Replace second H with Q5WS	HZQ5WS14K

Photometric Performance



17W LED
1700 lumens
4000K
• LOR = 100%
• SHR MAX = 1.64

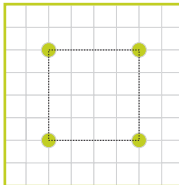
Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.65	0.92	1.01

Performance Guide

Lamps	Illuminance	Spacing
17W LED	207 lux	2.4m x 2.4m

Ceiling mounted



Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.0m

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
3000K	Ra>80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM
4000K	Ra>80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM

To Specify

Surface mounted circular IP44 LED bulkhead luminaire with polycarbonate opal diffuser. Innovative hinged LED light engine for excellent uniformity of light. Optional integrated microwave presence detector with ON/OFF or set-back functionality in standalone or master/slave configuration – as Whitecroft Lighting HORIZON 360.