

# Horizon 360

Circular surface luminaire



Horizon 360

## Overview

Horizon 360 brings a flawless, clean design to any application and will compliment any interior.

## Optics

- Nominal output options:
  - 1300 lumens, 12W
  - 1800 lumens, 15W
  - 2300 lumens, 20W
- Emergency Output:
  - 3000K - 304 lumens
  - 4000K - 330 lumens
- Polycarbonate convex opal diffuser for optimum light uniformity and no visible spotting of LEDs
- Available in 3000K or 4000K colour temperatures
- Organic Response integrated option for wireless controls

For specific product variant information, including lifetime, efficacy, power, output and electrical data, please click on the individual part number under 'Order Codes' and view the datasheet

# Body

- Surface mounted as standard
- Body finished in textured white
- RAL Colour: White RAL9003
- Robust IK10 impact rating
- IP44 ingress protection
- Choice of integral emergency options; 3 hour emergency or COMEPS (can be wired as Easytest if required)
- 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
- 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 configuration settings are outlined in the COM5 and Product Installation Leaflets. While default settings are pre-configured, alternative options can be adjusted on-site by the contractor, or supplied pre-set by our Custom-Made Service.

## Order codes

4000K

B50						
4000K	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
1304 lumens (11.8W)	HZH14K	HZH14KEM	111	>100k	>100k	54k
1769 lumens (15.4W)	HZH24K	HZH24KEM	115	>100k	>100k	54k
2297 lumens (19.5W)	HZH34K	HZH34KEM	118	>100k	>100k	54k

## Options

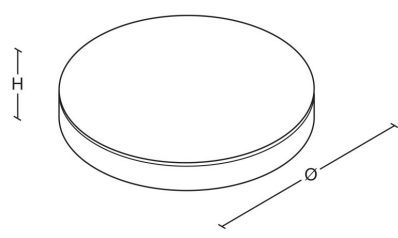
3000K	Replace 4K with 3K	i.e HZH13K
COMEPS	Add suffix EP	i.e HZH14KEP
COMMAND 5 WITH SET BACK *	Add Q5 after Z	i.e HZQ5H14K
DALI	Replace H with Y	i.e HZY14K

\* Command 5 is not available in DALI products

## LED Performance

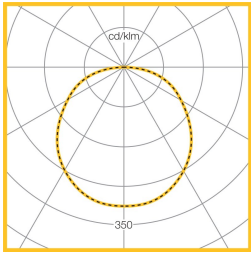
Colour Temp	RA (CRI)	Colour consistency
3000K	>80	MacAdam 3 SDCM
4000K	>80	MacAdam 3 SDCM

# Dimensions



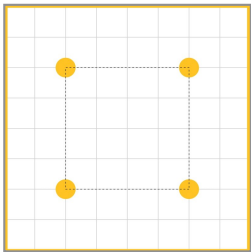
H	KG	KG(EM)	Ø
117	2.3	3.6	367

# Photometric Performance



4000K 17W LED  
1700 Lumens  
4000K  
LOR = 100.0%  
SHR MAX = 1.64

# Performance Guide



Lamps	15.4W LED
Illuminance	207 lux
Spacing	2.4m x 2.4m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.0m

## To Specify

Surface mounted circular IP44 and IK10 rated 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 setback functionality in standalone – as Whitecroft Lighting HORIZON 360.

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