



Optics

- Light output options:
 - 900 lumens (3K – 19W*)
 - 1200 lumens (3K – 28W*)
 - 1000 lumens (4K – 19W*)
 - 1300 lumens (4K – 28W*)
- *Total power consumption including driver
- High quality, single bin LEDs with a 4 MacAdam ellipse tolerance
- Polycarbonate opal diffuser retained in steel bezel
- Positive snap fit diffuser
- 50,000 hours life expectancy

Body

- Spun steel body, finished white
- IP40
- Surface mounted
- Wall or ceiling mounting
- Side or rear entry mains connection
- Optional Command 5 microwave sensor available mounted behind the diffuser

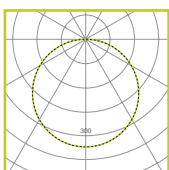
Order Codes

Surface	HF Gear	3 hr Emergency
900 lumens 3K	HRL93K	HRL93KEM
1200 lumens 3K	HRL123K	HRL123KEM
1000 lumens 4K	HRL104K	HRL104KEM
1300 lumens 4K	HRL134K	HRL134KEM

Options

EASYTEST	Add suffix /ET	i.e. HRL93K/ET
COMEPS	Add suffix /EP	i.e. HRL93K/EP
COMMAND 5	Replace L with Q5	i.e. HRQ593K

Photometric Performance



19W LED (4K)
1000 lumens
• 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	0.67 0.95 1.02

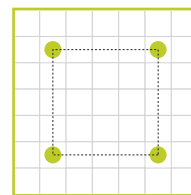


LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
3K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 4 SDCM
4K	≥ 80	L ₇₀ (50,000hrs)	MacAdam 4 SDCM

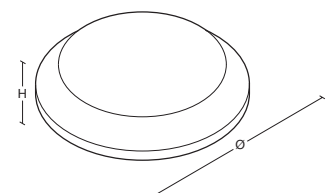
Performance Guide

Lamps	Illuminance	Spacing
28W LED	200 lux	2.4m x 2.4m



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

Dimensions



Ø	H	KG	KG
430	100	3.5	3.8

To Specify

Surface mounted circular IP40 LED luminaire 430mm Ø and 100mm protrusion from surface. Flame retardant opal diffuser with spun steel body - as Whitecroft Lighting HORIZON LED