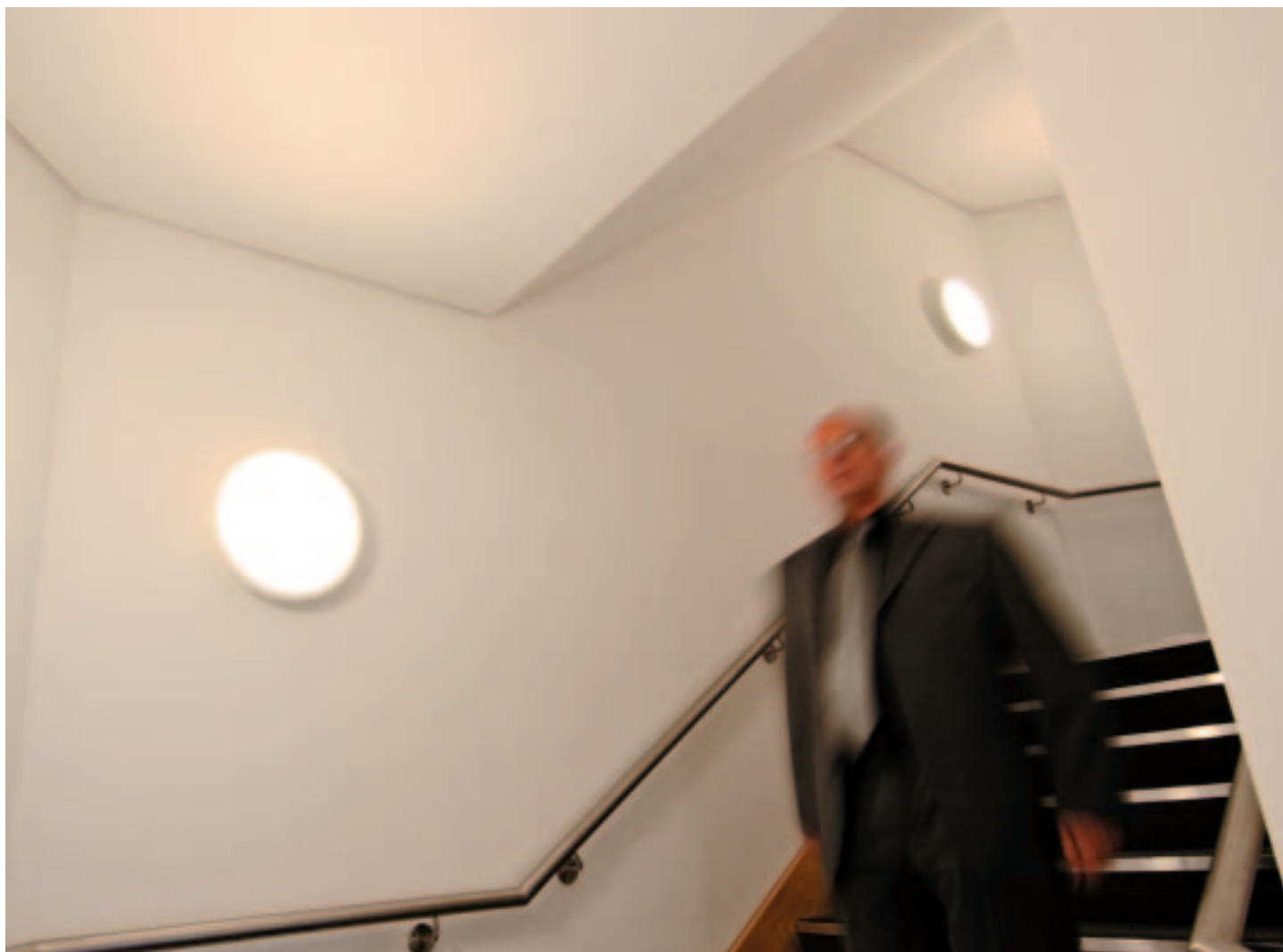


horizon

Surface fluorescent: Surface or semi-recessed circular 2D luminaire



APPLICATION

- Stairwells
- Corridors
- Reception areas
- Interior walkways
- Feature lighting
- Public areas

SPECIFICATION

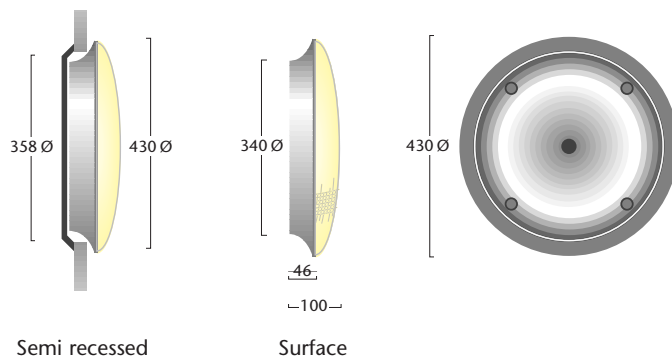
- Lamp options:
 - 28W 2D T5
 - 38W 2D T5
 - 55W 2D
- Body spun zinc coated steel, finished in White polyester powder paint
- Surface or semi-recessed mounting
- Wall or ceiling mounting
- Flame retardant polycarbonate opal diffuser
- Positive snap fit diffuser
- Semi recessing version (minimum void depth 56mm)
- IP20 protection
- High frequency control gear
- 3 hour integral maintained emergency option
- Fused terminal block
- Supplied with lamps

Options

-  Easytest – integral self test version available see page 181



DIMENSIONS AND WEIGHT



Semi recessed

Surface

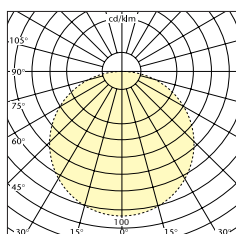
	WEIGHT KG
Min (Mains only)	3.3
Max (Maintained emergency)	4.7

PHOTOMETRY

Horizon
OPAL POLYCARBONATE
1x28W 2D T5 Lamp



- LOR = 54.8%
- SHR MAX = 1.62



UTILISATION FACTORS UF(F)		SHR NOM=1.50											
Room Reflectance	Room Index												
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.32	0.37	0.41	0.43	0.47	0.50	0.52	0.54	0.56		
0.50	0.30	0.20	0.27	0.32	0.36	0.39	0.43	0.45	0.47	0.50	0.52		
0.00	0.00	0.00	0.23	0.27	0.31	0.34	0.37	0.40	0.42	0.44	0.46		

CONVERSION TERMS

Lamp Length	2D	2D	2D
Wattage(W)	28W	38W	55W
UF and PC	1.00	0.96	0.92

ORDER CODES - HORIZON

SURFACE OR SEMI-RECESSED CIRCULAR 2D LUMINAIRE

LAMP SUPPLIED	MOUNTING COLOUR	VERSION	HIGH FREQUENCY
1 x 28W 2D	White	Surface	HRH228
1 x 38W 2D			HRH238
1 x 55W 2D*			HRH255
1 x 28W 2D	White	Semi-recessed	HRH228SR
1 x 38W 2D			HRH238SR
1 x 55W 2D*			HRH255SR

EMERGENCY Add suffix to order codes above

EMIN 3 hour maintained fully integral emergency, i.e. **HRH228EMIN**

EASYTEST OPTION Add suffix to luminaire order codes above

/ET Integral self autotest, i.e. **HRH228/ET**

*not available in Emergency Option

To specify state:

Surface/semi-recessed circular 28/38/55W 2D luminaire <430mm Ø and <100mm protrusion from surface or <54mm when semi-recessed. Flame retardant opal diffused, spun zinc coated steel body – as Whitecroft Lighting HORIZON

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 28W 2D T5	2050	15,000
1 x 38W 2D T5	2850	15,000
1 x 55W 2D	3900	10,000