

Horizon AL

MOTIVATION

Horizon was developed for areas where quality feature lighting is required to also perform a functional role. This is even more applicable in the case of Horizon AL, which has been purpose designed for flush mounting to meet anti-ligature requirements. Horizon AL is vandal resistant with tamper proof fixings, but avoids an institutional feel and contributes to a comfortable reassuring ambience.

APPLICATION

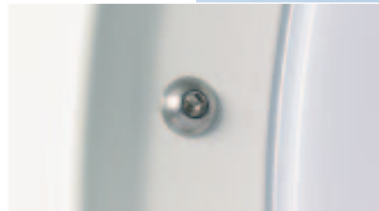
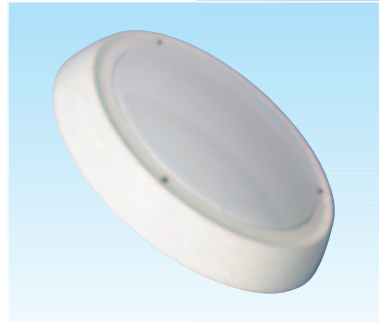
Mental Health,
Defence, Institutions

- Stairwells
- Corridors
- Reception areas
- Feature lighting
- Communal areas

SPECIFICATION

Body

- Lamp options 28, 38 and 55W 2D T5
- Body steel spinning
- Finished white RAL 9010 30% gloss
- Flush mounting on ceiling or wall
- 3 or 4 mounting points with 3 tamper proof front face fixings
- Flame retardant opal polycarbonate diffuser
- High frequency gear
- 3 hour integral emergency
- Night light via 7W PL-S (2G7 Cap)
- Supplied with 2D lamp – 2700°K



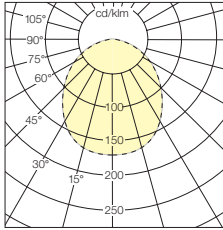
PROJECT LIGHTING SOLUTIONS

In addition to our standard product offer, we are able to supply a range of additional options to satisfy needs on major project applications. This luminaire is only available for large projects, please contact our sales office for details.

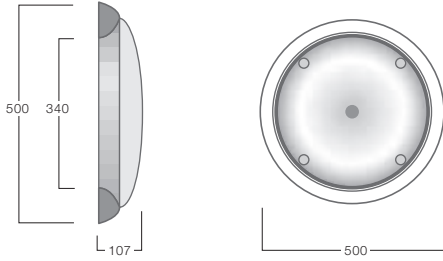
Horizon
ANTI-LIGATURE
1 x 55W 2D

- SHR MAX = 1.70
- LOR = 0.50

UTILISATION FACTORS UF(F)									
Room Reflectance Room Index.....									
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0
0.70	0.50	0.20	0.29	0.33	0.37	0.40	0.43	0.46	0.47
0.50	0.30	0.20	0.25	0.29	0.33	0.35	0.39	0.41	0.43
0.00	0.00	0.00	0.21	0.45	0.28	0.31	0.34	0.36	0.38



DIMENSIONS



LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	TOTAL CIRCUIT WATTS	LUMENS PER CIRCUIT WATT	LAMP LIFE TO 50% FAILURE
28W 2D T5	2050	29	71	20000
38W 2D T5	2850	40	71	20000
55W 2D T5	4000	60	67	20000

- Recommended scheduled lamp replacement at 80% of rated life = 16000 hours

Horizon AL

ORDER CODES

FLUSH MOUNTED ANTI LIGATURE LUMINAIRE

RECESSED	LAMP WAY
HAL128	1 x 28W 2D T5
HAL138	1 x 38W 2D T5
HAL155	1 x 55W 2D T5

NIGHT LIGHT Add suffix to order codes above

NL – for 7W night light option for all versions, e.g. HAL155NL

EMERGENCY Add suffix to order codes above

EMIN – 3 hour maintained fully integral emergency for all versions, e.g. HAL155EMIN or HAL155NLEMIN

HAL-KEY – for specific allen key required for access and fixing

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To specify state:
Flush mounted, vandal resistant anti-ligature luminaire with 3 or 4 mounting points and 3 tamper proof front face fixings for maintenance access. Fully integral HF gear and emergency, for 28/38 or 55W 2D T5 lamp options, with 7W night light optional, 500mm diameter and 160mm deep – as Whitecroft Lighting HORIZON AL