

strike

Industrial: IP559 T5 Surface anti-vandal luminaire



APPLICATION

Purpose designed for areas where vandalism or accidental impacts are a near certainty and not merely a risk:

- Prisons
- Multi-story car parks
- Mental hospitals
- Defence establishments

SPECIFICATION

- Lamps options:
 - 1 x 28W T5
 - 2 x 28W T5
 - 1 x 35W T5
 - 2 x 35W T5
 - 1 x 54W T5
 - 2 x 54W T5
- IP55 rated back body in 0.9mm steel finished White to RAL 9010. Corners fully welded and finished smooth with a flat back for mounting tight to the ceiling to meet anti-ligature requirements
- Diffuser in 3mm thick moulded textured polycarbonate meeting HM Prisons specification and achieving an IP rating of 9 (IP559) for impact resistance
- Diffuser edges fully concealed, fully gasketed and gripped at all points by a 1.2mm zinc steel retention pan (RAL 9010) retained by 6 – M5 Hex-Pin anti-tamper fixings
- Fully removable gear and lamp tray with retention cords for rapid maintenance also incorporating 3 hour integral emergency when required
- High frequency gear or high frequency dimming gear as standard
- Fused terminal block

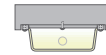
Options

-  Easytest – integral self test version available see page 181

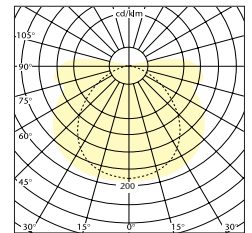
PHOTOMETRY

Strike

IP559
1 x 28W T5 Lamp



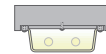
- LOR = 87.1%
- SHR MAX = 1.77



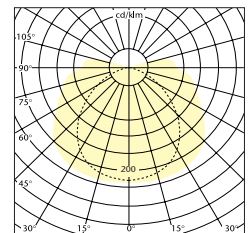
UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance Room Index		0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.53	0.59	0.63	0.69	0.73	0.76	0.80	0.83
0.50	0.30	0.20	N/A	0.44	0.50	0.54	0.59	0.64	0.67	0.71	0.75
0.00	0.00	0.00	N/A	0.35	0.40	0.43	0.48	0.51	0.54	0.58	0.62

Strike

IP559
2 x 28W T5 Lamp



- LOR = 84.5%
- SHR MAX = 1.79



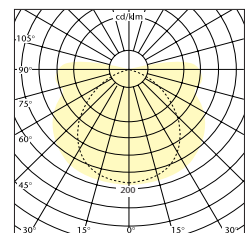
UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance Room Index		0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.53	0.58	0.62	0.68	0.72	0.75	0.79	0.82
0.50	0.30	0.20	N/A	0.44	0.49	0.53	0.59	0.63	0.66	0.70	0.74
0.00	0.00	0.00	N/A	0.35	0.40	0.43	0.48	0.52	0.54	0.58	0.62

Strike

IP559
1 x 35W T5 Lamp



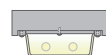
- LOR = 88%
- SHR MAX = 1.75



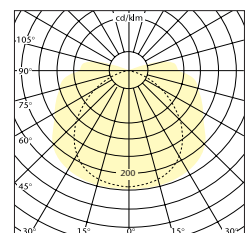
UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance Room Index		0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.54	0.59	0.63	0.69	0.74	0.77	0.81	0.84
0.50	0.30	0.20	N/A	0.45	0.50	0.54	0.60	0.64	0.67	0.71	0.75
0.00	0.00	0.00	N/A	0.35	0.40	0.41	0.48	0.52	0.54	0.58	0.62

Strike

IP559
2 x 35W T5 Lamp

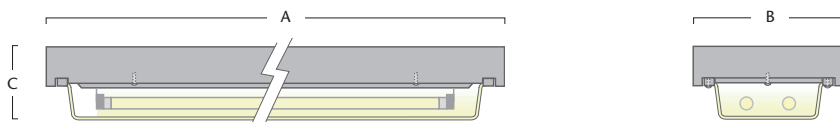


- LOR = 87.3%
- SHR MAX = 1.78



UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance Room Index		0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
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	N/A	0.54	0.60	0.64	0.70	0.74	0.77	0.81	0.85
0.50	0.30	0.20	N/A	0.45	0.51	0.55	0.61	0.65	0.70	0.72	0.76
0.00	0.00	0.00	N/A	0.36	0.41	0.44	0.49	0.53	0.56	0.60	0.63

DIMENSIONS



LAMP WAYS	LENGTH OVER BACK BODY MM A	WIDTH OVER BACK BODY MM B	DEPTH MM C	BESA FIXING CENTRES D
1/2 x 28/54W – T5	1315	215	102.5	600mm on luminaire centre line
1/2 x 35/49W – T5	1615	215	102.5	

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 28W T5	2600	20,000
1 x 35W T5	3300	
1 x 49W T5	4300	
1 x 54W T5	4450	

ORDER CODES – STRIKE

IP559 T5 SURFACE ANTI-VANDAL PRISON LUMINAIRE

LAMPS SUPPLIED	HIGH FREQUENCY		ANALOGUE DIMMING	
	SINGLE LAMP	TWIN LAMP	SINGLE LAMP	TWIN LAMP
28W T5	STRH128	STRH228	STRR128	STRR228
35W T5	STRH135	STRH235	STRR135	STRR235
49W T5	STRH149	STRH249	STRR149	STRR249
54W T5	STRH154	STRH254	STRR154	STRR254

EMERGENCY Add suffix to order codes above

EMIN Integral emergency, i.e. STRH154**EMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. STRH154/**ET**

To specify state:

IP559 anti vandal luminaire with fully welded body and flat back to meet anti-ligature requirements. 3mm thick moulded textured polycarbonate diffuser to HM Prisons specification, edges fully concealed and gasketed and gripped at all points by a 1.2mm zintec steel retention pan secured by 6 – M5 Hex-Pin anti-tamper fixings. Fully removable gear and lamp tray incorporating 3 hour integral emergency when required, high frequency gear and 1/2 x 28/35/49/54W T5 lamps – as Whitecroft Lighting STRIKE