

radial trunking

Surface fluorescent: IP44 T5 classroom and corridor luminaire



The downward surface or trunking mounted version of Radial has a modified flat back allowing it to either be installed directly on to the ceiling soffit with the diffuser facing directly downwards or to be similarly mounted on trunking.

The robust aluminium body and polycarbonate diffuser makes the luminaire ideal for use in unsupervised areas of schools where luminaires are most likely to be subjected to 'the inquisitive nature of children'.

APPLICATION

- Classrooms (mounted on trunking or surface mounted)
- School and hospital corridors (mounted centrally – use standard Radial for Cornice mounting)
- Toilets and washrooms

SPECIFICATION

- Lamp options:
 - 1 x 28W T5
 - 1 x 35W T5
 - 1 x 49W T5
 - 1 x 54W T5
- IP44 ingress protection
- MIRO 4 reflector
- Extruded aluminium body finished silver (RAL9006)
- 4mm thick aluminium end-caps, with integrated light trap laser cut in main body colour. 50mm wide at top to match a 50 mm trunking width
- Reeded polycarbonate diffuser, screening to restrict visibility of lamp-holders
- High frequency control gear as standard
- 3 hour emergency version available
- Supplied less lamps

Options

-  Easytest – Integral self test emergency
- Dimming gear, analogue DSI or DALI on request

QuickLink

RADTS

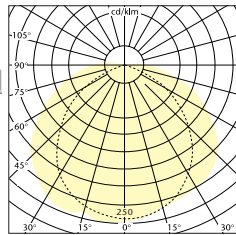
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PHOTOMETRY

RADIAL

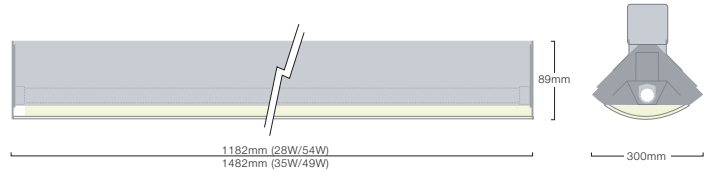
1 x 54W T5 Lamp



- LOR = 77.9%
- SHR MAX = 1.72

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	0.44	0.51	0.56	0.60	0.66	0.70	0.72	0.76	0.78
0.50	0.30	0.20	0.37	0.43	0.49	0.53	0.59	0.62	0.65	0.69	0.72
0.00	0.00	0.00	0.31	0.36	0.42	0.45	0.50	0.54	0.57	0.60	0.63

DIMENSIONS



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 – RADIAL TRUNKING MOUNTED

IP44 T5 TRUNKING OR SURFACE MOUNTED CLASSROOM OR CORRIDOR LUMINAIRE

LAMP LESS SUPPLIED	HIGH FREQUENCY	ANALOGUE DIMMING
1 x 28W T5	RTSH128	RTSR128
1 x 35W T5	RTSH135	RTSR135
1 x 49W T5	RTSH149	RTSR149
1 x 54W T5	RTSH154	RTSR154

EMERGENCY Add suffix to order codes above

EMIN Emergency pack, i.e. **RTSH128EMIN**

EASYTEST OPTION Add suffix to luminaire order codes above

/ET Easytest self test emergency i.e. **RTSH128/ET**

To specify state:

Trunking or surface mounted IP44 luminaire with extruded aluminium body and end caps finished silver to RAL9006 and reeded polycarbonate diffuser - as Whitecroft Lighting RADIAL TRUNKING



Lighting for Life

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