

lamina

IP20 surface mounted teardrop clean area luminaire



Optics

- Lamp options:
 - 1 x 28/54W T5
- UV absorbent internally reeded DEGALON diffuser (but if certain wavelengths of light must be removed for photosensitive applications the lamp must be appropriately UV sleeved, the diffuser dimensions accommodate this)

Body

- Extruded aluminium body finished white
- Push fit Wieland connectors for rapid maintenance and assembly
- The 50mm wide body can be mounted directly on proprietary T bars of 50mm wide or greater with minimal disturbance to uni-directional airflow – independently tested by Diamond Scientific Limited
- Single (with knock out hole for end of row) and double (with cable hole for between 2 luminaires) moulded ABS end-caps
- Individual or continuous mounting (using appropriate connecting kit). Supply via knock out hole in end cap or via T bar cruciform into back of body – up to 30 luminaires off one feed



lamina

> weblink > **LAM**

ORDER CODES

Lamina Bodies	HF Gear	3 hr Emergency
T5 1 x 28W	LAMD128	LAMD128EMIN
T5 1 x 54W	LAMD154	LAMD154EMIN

Lamina Connecting Kits

INTERMEDIATE KIT	Double end cap with connecting cable	LAMIK
END KIT	2 x single end caps with cable	LAMEK

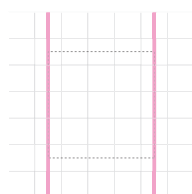
Note: End kit is required for individually mounted luminaires

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 28W T5	2600	24,000hrs
1 x 54W T5	4450	24,000hrs

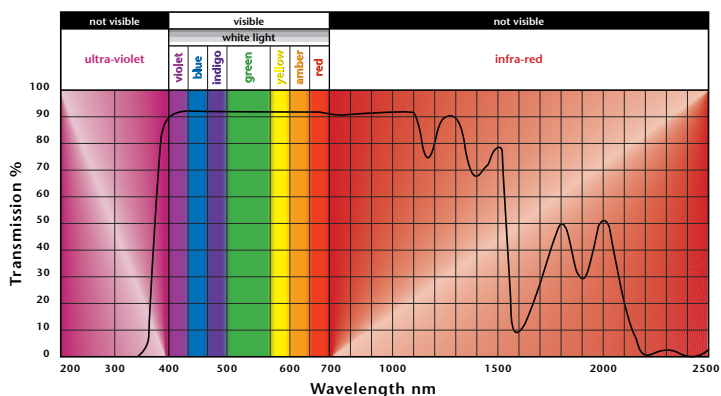
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
1 x 54W T5	900 lux	2.4m x continuous

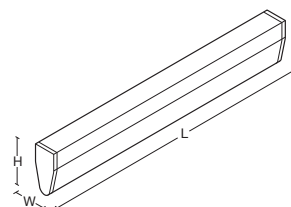


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

UV TRANSMISSION

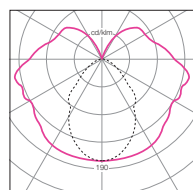


DIMENSIONS

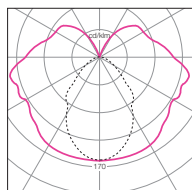


Version	L	W	H	KG
Standard	1200	50	115	3.5
Emergency	1500	50	115	4.5

PHOTOMETRIC PERFORMANCE



1 x 28W T5
• LOR = 98.1%
• SHR MAX = 1.66



1 x 54W T5
• LOR = 88.3%
• SHR MAX = 1.66

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.52	0.79	0.87

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.71	0.78

TO SPECIFY

Surface T5 teardrop luminaire with UV absorbent Degalon diffuser independently tested for minimum disturbance to uni-directional airflow. Extruded aluminium body, rapidly detachable gear-tray on turnbuckles, push fit Wieland connectors and moulded ABS end-caps. Width not to exceed 50mm and overall depth 115mm – as Whitecroft Lighting LAMINA