Product
Data Sheet

UV-C Linear Fixture Disinfection

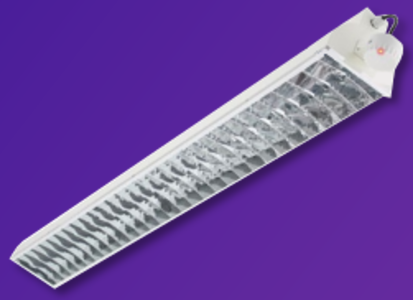
UV-C linear disinfection luminaires is capable in disinfecting surfaces that can be controlled the amount of UV-C light and set a specific time of exposure. The performance is enhanced by a highly-reflective and durable aluminum body that improves its efficacy even further or direct the UV-C light to the to-be irradiated surfaces and with-in sensor range.

Benefits

- Available with safeguard controls using sensor monitoring which makes it safe to use.
- In laboratory testing,Signify's UV-C light sources inactivated 99% of SARS-CoV-2 virus on a surface with an exposure time of 6 seconds.
- Efficient and most effective way of disinfection with useful long lifetime of lamp and luminaries.
- Eco-Friendly – zero ozone emission during and after use.

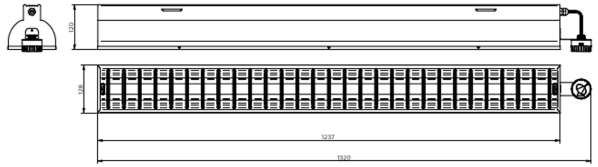
Features

- Specially engineered mirror optics to cut off UV-C irradiation beyond the sensor range to avoid any accidental exposure beyond the coverage area.
- Philips T8 TUV lamp included: 36W.
- Shortwave UV radiation peak at 253.7 nm (UVC).
- Various mounting options.
- Specially designed mirror optics improve efficacy by average 90% by controlled distribution of the irradiance (Compared to UVC Batten with Al Cover)
- Dip Switch available in sensor for time settings as per application



UV-C Disinfection
Linear Fixture

DIMENSIONAL DRAWING



BODY KIT

Top Profile

Side Profile

Microwave Sensor

Microwave Sensor

SPECIFICATIONS

Input voltage, Frequency	220-240 V(±10%), 50/60 Hz
Power Factor (full load)	≥ 0.9
Electrical class	Class I
External wiring	terminal block inside with a hole on the casing
Lamp holder type	G13 ([Medium Bi-Pin Fluorescent])
Ballast	913713031566 HF-P 136 TL-D III 220-240V 50/60 Hz
Housing material	SPCC, thickness = or > 0.4 mm. RAL 9010
Grill/Louvre	Anodize aluminum sheet
IP protection	IP20
IK protection	IK02
Installation	Suspending mounted; Surface mounted (Mounting accessories need to be provided separately)
Working temperature	10°C~45°C
Sustainability	China RoHS 2.0 & REACH
Approbation	CCC/CB/EMC/CE/IEC60598 (Safety)
Lifetime	25,000 hours
Switch cycle	> 35,000 times (daily on and off 10 times)
Lamp type	Philips TUV T8 36W SLV/6 (12NC 928048604003)
Mercury (Hg) Content (Nom)	2 Mg
Lamp Effective Lifetime	9000 Hrs
Net Weight	135.00 Gm
Power Rated	36 W
UV-C Radiation at 100 hr	15.0 W
Color Code	TUV
Depreciation at Useful Lifetime	10%

Operating and Electrical

Full Product Name	**Lamp Current**	**Voltage**	**Power**
	A	V	W
TMS160C 1X36W TUV SLV/6 R Sensor	0.18	220-240	36

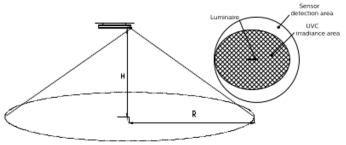
UV-C Radiation

Full Component Name	**UV-C Radiation**
	W
TMS160C 1X36W TUV SLV/6 R Sensor	10.1

SENSOR APPLICATION NOTICE/SENSOR

Detection Range	
(H)	**(R)**
Mounting Height (H)	Detection range (R)
<3.1M	5M

Make sure installation height <3.1m, otherwise the sensor detection area may not cover the UVC Irradiance area.



DESIGN FUNCTION FLOW