

# UV-C Linear Light

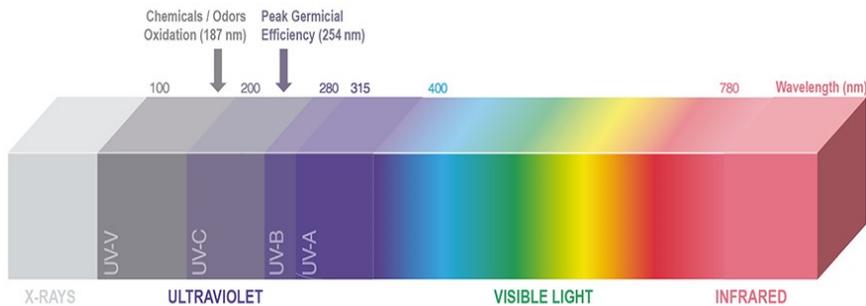
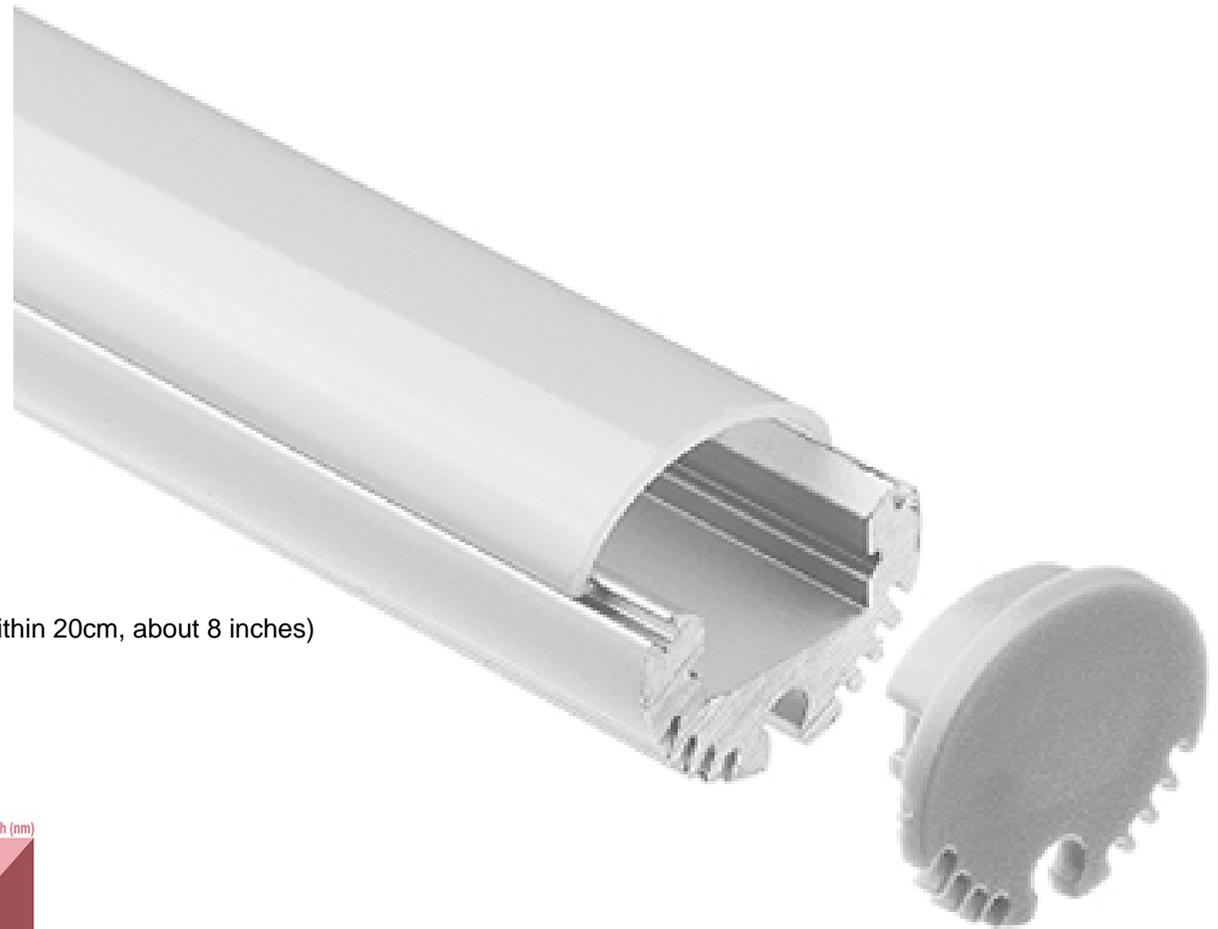


## Comprehensive Description

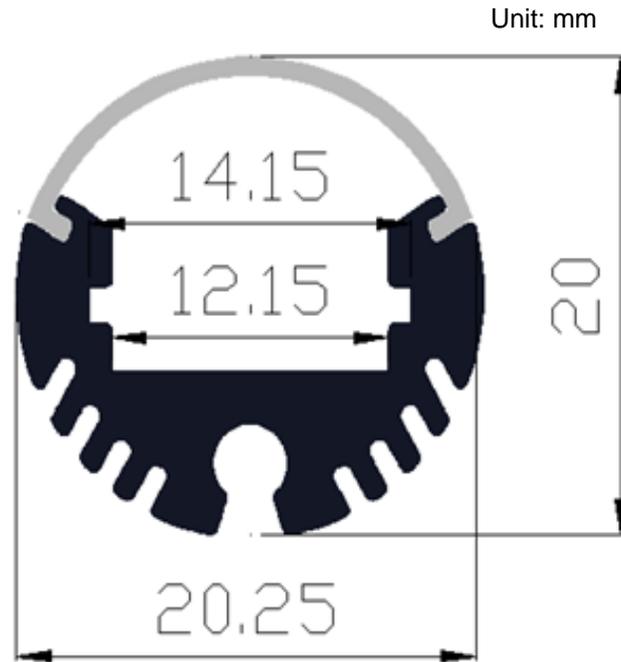
Ultraviolet (UV) light is a component of the electromagnetic spectrum that falls in the region between visible light and X-Rays. As evident by multiple research studies and reports, when biological organisms are exposed to deep UV light in the range of 200 nm to 300 nm it is absorbed by DNA, RNA, and proteins. And thus cell walls are ruptured and DNA or RNA replication process is disrupted.

### Material and technology:

- ◆ LED is sealed in ceramic packages with transparent optical window
- ◆ UV-C LED with peak emission wavelength at 275nm
- ◆ Double layer PCB to ensure stable electrical property;
- ◆ State of the art SMD design and low thermal resistance
- ◆ Suspension or surface-mount installation options available
- ◆ Designed for air and objects sterilization (Target range should be within 20cm, about 8 inches)



## Technical Parameters



### Optical parameters

LED Type	SMD 3535
Length:	1 Meter (3.28 feet)
Peak Wavelength	275nm
Emitting Angle	120
Radiant Flux	160-180 mW

### Electrical parameters

LED Quantity:	90LEDs
Input Voltage	100-277Vac
Wattage	12W

### Others

Energy Efficiency	A
Warranty	2 years based on Max. 12hrs/day
Operating lifetime	17,000h
Operating temperature	-20°C- +45°C
Operating humidity	40%-70%RH

# Test Data

