

Product Information Bulletin

LINEARlight OPTICS

Gilway Distributed by
Technical Lamp www.gilway.com
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The NEW OSRAM SYLVANIA LINEARlight Optic

LINEARlight Optic is a supplementary optical lens for the LINEARlight modules. The optical effect of the optics is a reduction of the viewing angle from 120° to 20° for colors and 25° for white, with a proportional intensification of the light. The optic provides light intensification and mechanical protection of the LED module.

Each molded lens optic is 56 mm long and covers 4 LEDs, which is the smallest divisible unit of LINEARlight. Eight optics are needed to cover the full length of a LINEARlight strip. The new optics lock into the cut-out notches on the LINEARlight module where they are held in place.

Ordering and Specification Information

Item Number	Ordering Abbreviation	Viewing Angle	Length in. (mm)	Width in. (mm)	Height in. (mm)
70072	LINEARLT Optics OS-OP4x1-20 + OS-LM01A	20/25*	2.20 (56)	0.47 (12)	0.31 (8)

* 25° when used with LINEARlight W2 modules

Application Information

Applications

Illumination of furniture
Illumination of display cases and shelves
Illumination of UV sensitive exhibits in museums
Spotlighting
Decorative effects
Small signals

- Optics for LINEARlight OS-LM01A
- Optimized for OSRAM Power TOPLED
- Suitable for LINEARlight modules only
- Lens-grid 14mm
- Increases light intensity by reducing the viewing angle from 120° to 20° (colored LEDs) and 25° (white LEDs)
- Effectively creates a uniformly illuminated strip
- Reduction of "bright spots" by creation of a uniformly-lit area
- High optical efficiency
- Low profile spotlighting capability
- Optimal for directly illuminating extremely flat units
- Each molded lens optic covers 4 LEDs – the smallest divisible unit of LINEARlight
- 8 optics required for one LINEARlight module
- Contains UV-stabilized polycarbonate that reduces the risk of breakage

Product Availability

Product

LINEARLT Optics OS-OP4x1-20 for:

- LINEARlight OS-LM01A-A
- LINEARlight OS-LM01A-Y2
- LINEARlight OS-LM01A-T2
- LINEARlight OS-LM01A-B
- LINEARlight OS-LM01A-W2
- LINEARlight OS-LM01A-S

Application Notes

1. Small dimensions
2. Directional radiation characteristics
3. No IR/UV radiation

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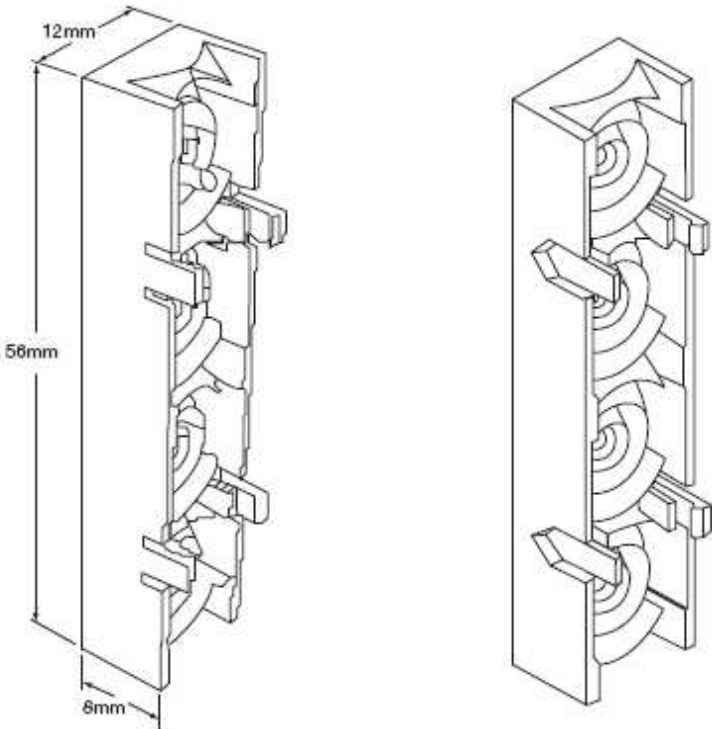
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Maximum Ratings

Parameter	Symbol	Values	Units
Operating Temperature	T _{op}	-30... +65	°C
Storage Temperature Range	T _{stg}	-30... +65	°C

Dimensions



Ordering Guide

LINEARLT Optics OS-OP4x1-20		/	OP	/	OS
LINEARlight Optics Module	Color: Transparent		Optics		OSRAM SYLVANIA ID No.