

# LINEAR OPTICS 4R FOR SMD W5.5 INDUSTRY



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Due to their brilliant surfaces and light distributions, the optics made of high-quality PC offer a wide range of possibilities for use in industrial lighting applications such as in production halls and warehouses, sports halls and applications with large distances between luminaires. The IP65 protection rating, combined with suitability for luminaires with impact resistance IK08/5J, ensures optimum protection against the ingress of dirt, dust and water, as well as against mechanical stress, and allows front glass to be dispensed with.

The highly glossy optics allow low UGR values.

The single lenses are suitable for 3030 and 2835 midpower LEDs from leading LED manufacturers. Typical LED types for use with these optics are OSRAM Duris S5, Seoul STW8C2PB, STW8C12C, STW9C2PB (including Sunlike LEDs), Samsung LM301B, Nichia 757 (also as Tuneable White).



### Linear optics 4R for SMD W5.5 Industry

- **EXCELLENT GLARE-FREE OPTICAL DESIGN**
- **OPTICAL EFFICIENCY: UP TO 96%**
- **SUITABLE FOR LUMINAIRES WITH IMPACT RESISTANCE OF IK08/5J**
- **HIGH TEMPERATURE RESISTANCE**
- **UV-RESISTANT**
- **DEGREE OF PROTECTION: IP65**

# Linear optics 4R for SMD W5.5 Industry 88 single lenses 318mm IP65



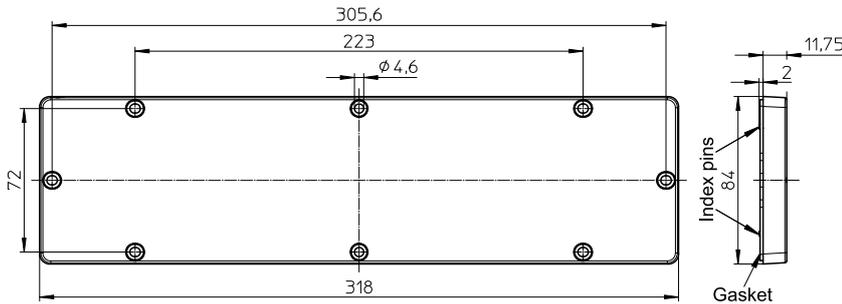
### Technical Notes

- For 3030 and 2835 midpower LEDs of common LED manufacturers
- Material: PC, transparent
- Max. allowed temperature: 100 °C
- Dimensions (LxWxH): 318x84x11.75 mm
- Degree of protection: IP65 (incl. silicone gasket)
- Impact rating: IK08/5J
- Fixation: fixing holes for screws M4



Light distribution	Type	Ref. No.	Lighting properties	Light transmission	Efficiency* %	Weight g	Packaging unit pcs.
Extra Wide 110°	97603	<b>571732</b>	—	clear	92	178	66
Wide 90°	97601	<b>565229</b>	—	clear	96	178	66
Wide 60°	97600	<b>565228</b>	UGR	clear	96	190	66
High Rack	97602	<b>565230</b>	UGR	clear	96	173	66

\* Measured on a white luminaire sheet



### Typ. light distributions with VS LED modules (with Osram Duris S5)

At [www.vossloh-schwabe.com](http://www.vossloh-schwabe.com) you will find further light distribution curves with other LED types as well as all data in .ldt and .ies format for download.



The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.