

LINEAR OPTICS 6R FOR SMD W7.5 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 and very high luminaire efficiency.

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



Linear optics 6R for SMD W5.7 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 6R for SMD W7.5 Industry 120 single lenses 318mm IP65

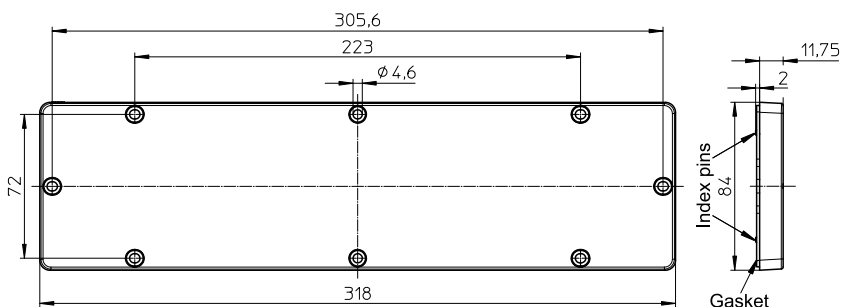
Technical Notes

- 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.
Wide 90°	97651	571242	UGR	clear	96	207	66
Medium 75°	97650	570943	UGR	clear	96	215	66
High Rack	97652	571243	UGR	clear	96	197	66
High Rack Wide	97654	572190	UGR	clear	96	200	66

* Measured on a white luminaire sheet



Typ. light distributions with VS LED modules (with Seoul STW8C12C)

At 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.