

COMPACT OPTICS 2X2 FOR SMD W5 – 3535



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The optics made of high-quality optical material are designed for installation in luminaires with a glass cover and can be used for many street lighting applications. For the typical lighting situations of the street a uniform and at the same time glare-free light with low color deviations is possible.

The optics are optimized for high power LEDs with a footprint 3535. Typical 3535 LED types for use with these optics are Nichia NVSx219; Osram Os-lon square; Samsung LH351; Seoul Z5M ; Cree XPx, Luxeon Rebel. But also LEDs with a footprint 5050 like the Seoul 5050, Samsung LH502C/508C or Lumileds Luxeon 5050 find place under the optics.

Compact optics 2x2 for SMD W5 – 3535

- **HIGH QUALITY OPTICAL MATERIAL**
- **OPTICAL EFFICIENCY OF UP TO 96
(WITHOUT FRONT GLASS)**
- **UNIFORM AND AT THE SAME TIME
GLARE-FREE LIGHT**
- **LOW COLOR DEVIATIONS**



Compact optics
2x2 for SMD W5 –
3535

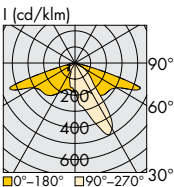
Technical Notes for Optics

- Material: PMMA
- Dimensions (LxWxH): 50x50 mm
- Fixing hole for M3
- Operating temperature range: – 40 °C to 80 °C
- Max. torque on screws
M3: 0.5 Nm;

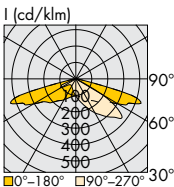


Light distribution	Optics type	Ref. No.	Efficiency %	Weight g	Packaging unit
T2	95500	571855	93	9.3	540
T3	95501	571856	96	6.4	540
DWC	95502	571857	94	9.4	540
MEW	95503	571858	93	8.9	540
T4	95504	571859	94	9.8	540
SCL	95505	571860	94	9.2	540
VSM	95506	571861	94	7.5	540
SCL2	95507	572255	94	9.0	540

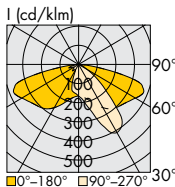
Light Distribution Curves



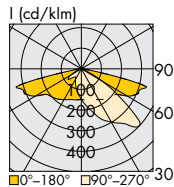
95500 – T2



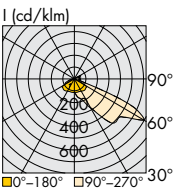
95501 – T3



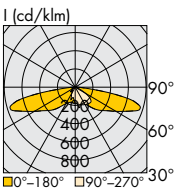
95502 – DWC



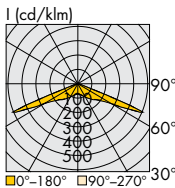
95503 – MEW



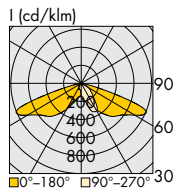
95504 – T4



95505 – SCL



95506 – VSM

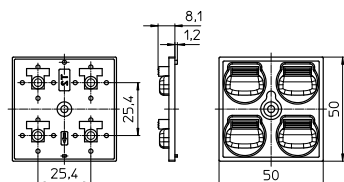


95507 – SCL2

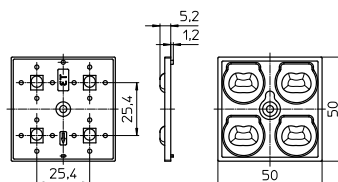
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Compact optics 2x2 for SMD W5

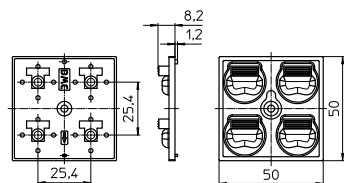
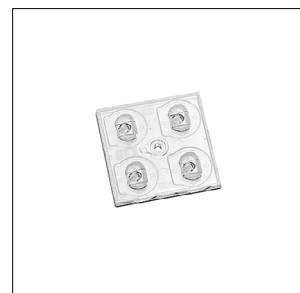
Mechanical Dimensions



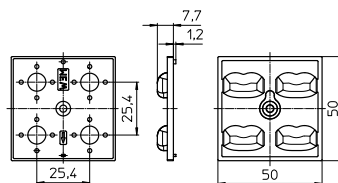
95500 - T2



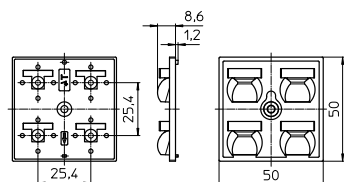
95501 - T3



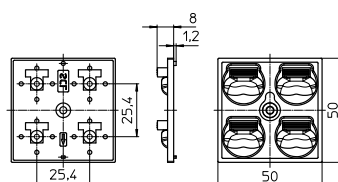
95502 - DWC



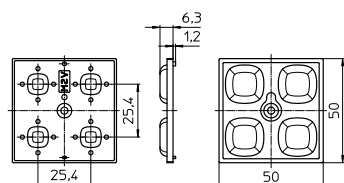
95503 - MEW



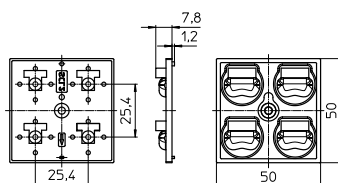
95504 - T4



95505 - SCL



95506 - VSM



95507 - SCL2



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Shade for
2x2 optics
Type 955

Shade for additional glare control.
The shade can be mounted in any direction.

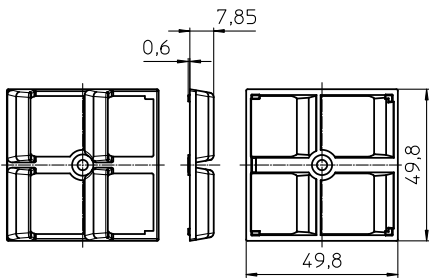
Technical features

- Material: PC
- Dimensions (LxW): 50x50 mm
- Operating temperature range: – 40 °C to 80 °C
- Fixing hole for M3
- Max. torque on screws M3:
0.5 Nm



Ref. No.	Type	Colour	Weight g	Packaging unit
572483	955	black	3.2	560

Mechanical Dimensions



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