

COMPACT OPTICS 2X2 FOR SMD W5 - 5050



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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 5050. Typical 5050 LED types for use with these optics are Seoul 5050, Samsung LH502C/508C or Lumileds Luxeon 5050.



Compact optics 2x2 for SMD W5 - 5050

- **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**
- **OPTIC SUITABLE FOR ZHAGA-COMPLIANT
LIGHT ENGINES**

2x2 Streetlight Compact Optics for SMD W5 - 5050

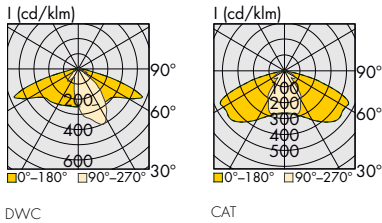
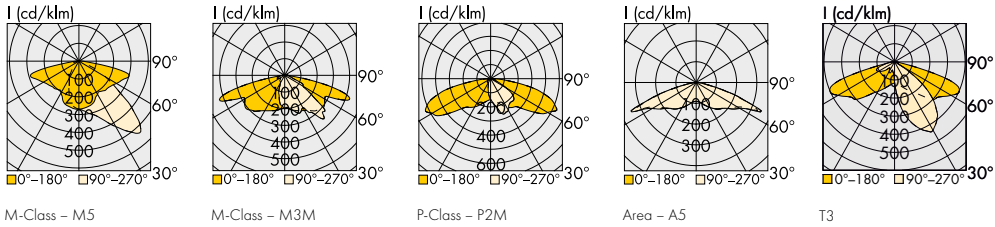


Technical Notes for Optics

- Highly efficient up to 96%
- Material: PMMA
- Dimensions (LxW): 50x50 mm
- Temperature operating range PMMA: - 40 °C to 80 °C
- Temperature operating range PMMA HT: - 40 °C to 90 °C
- Fixing hole for M3/M4 screw
- Max. torque on screws
M3: 0.5 Nm; M4: 1.4 Nm

Light distribution	Optics type	Ref.No.	Material	Efficiency %	Weight g	Packaging unit
M5	95535	570137	PMMA HT	93	11.4	864
M3M	95536	569966	PMMA HT	92	9.6	864
P2M	95537	569967	PMMA HT	93	11.6	864
A5	95538	569968	PMMA HT	94	8.1	864
T3	95521	573244	PMMA	93	8.5	560
DWC	95522	573245	PMMA	93	11.4	560
CAT	95534	573282	PMMA	96	6.7	560

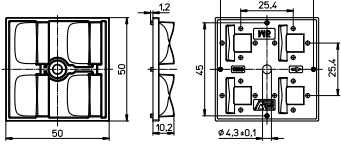
Light Distribution Curves



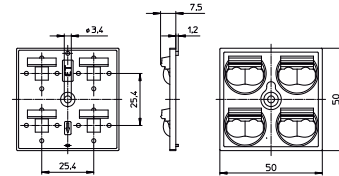
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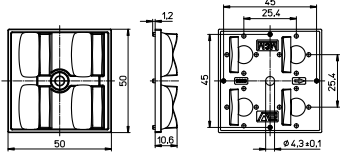
Mechanical Dimensions



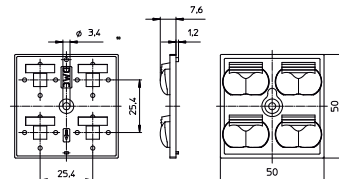
M-Class - M5



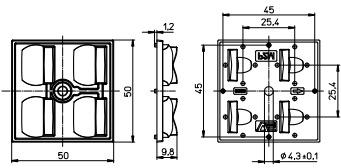
95521 - T3



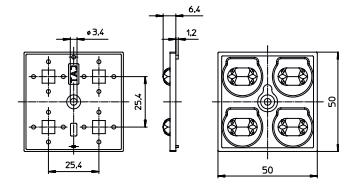
M-Class - M3M



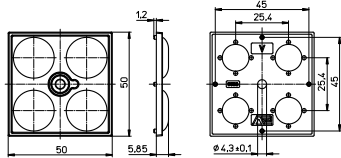
95522 - DWC



P-Class - P2M



95534 - CAT



Area - A5



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