

OPTICS FOR LIGHT&DARK SINGLE PYRA30



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The high-efficiency Single optics, specifically designed for use with the Light&Dark Single grid, provide superior glare control and high color consistency (CLC). Featuring an advanced collimator design, the system ensures maximum illuminance uniformity even at low mounting heights or close-range applications.

For streamlined assembly, the single optics clip directly into the grids, which then snaps securely onto the dedicated grid holder.

The optics are optimized for high power LEDs with a footprint 3535 from leading LED manufacturers.

PRELIMINARY

Optics for Light&Dark Single

- **HIGH-QUALITY OPTICAL MATERIALS**
- **OPTICAL EFFICIENCY UP TO 82%**
- **NARROW LIGHT DISTRIBUTIONS WITH SUPERIOR GLARE CONTROL**
- **OPTICS WITH CONSTANT LIGHT COLOUR OVER BEAM ANGLE (CLC)**
- **UGR OPTIMIZED OPTICS FOR GRIDS**



Optics for Light&Dark Single Pyra30

Technical Notes

- For one HP LED 3535
- Material: PMMA
- Max. allowed temperature: 80 °C
- Optics for snap-in mounting into the grid

Lighting properties

- CLC (constant light colour): very low colour temperature deviations over beam angle
- UGR: optimized glare reduction

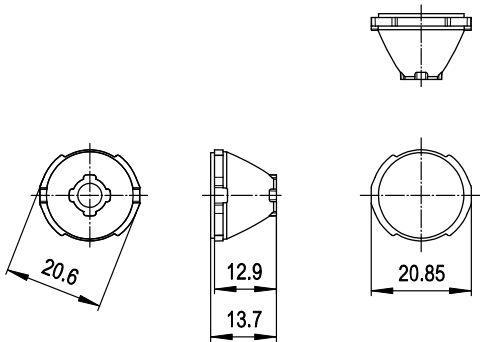


Light distribution	Type	Ref. No.	Lighting properties	Type of construction	Efficiency white grid %	Efficiency black grid %	Weight g	Packaging unit pcs.
Narrow 15°	91751	575181	UGR, CLC	Single	80	77	2.8	640
Narrow 24°	91752	575182	UGR, CLC	Single	74	70	2.7	640
Narrow 38°	91753	575183	UGR, CLC	Single	81	79	3	640
Medium 50°	91754	575184	UGR, CLC	Single	82	79	3	640

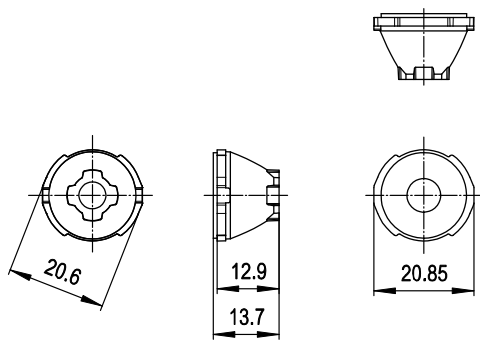
* Measured in luminaire profile

Drawing

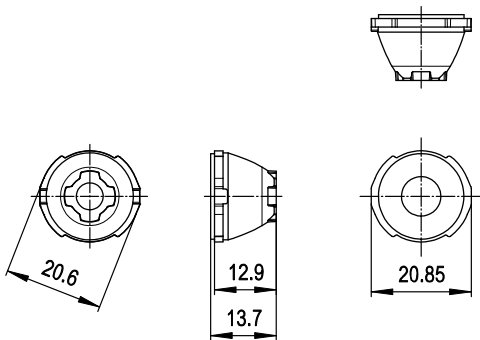
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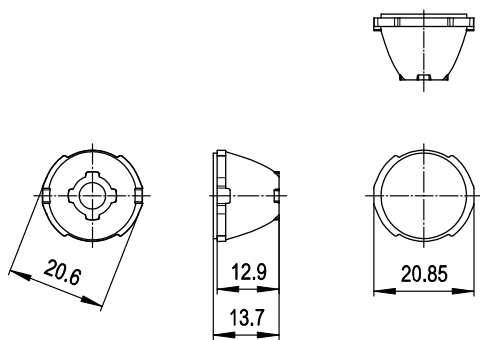
Type 91752



Type 91753



Type 91754



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

Optics for Light&Dark Single Pyra30

Typ. light distributions with VS LED modules (With HP 3535 LED)

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.



Suitable VS LED modules

VS LED modules	Module type	Optics type
t.b.d.	t.b.d.	Single

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