

PowerOptics for PowerEmitter Modules

PowerOptics were specially developed to supplement VS PowerEmitter and LEDLine High Power modules making it possible for users to put unique lighting solutions into practice. Use of high-grade optical PMMA enables high efficiency factors of up to 90%

To guarantee easy mounting, the PowerOptics modules are backed with self-adhesive tape. However, depending on the type of application and ambient conditions, the PowerOptics module may require additional fixing to ensure secure mounting.

Next to the standard PowerOptics module with a radiation angle of 20°, there are three attachments that simply snap on to the PowerOptics module and provide a choice of a 20° radiation angle producing diffuse light, a 30° radiation angle or an oval radiation angle of 20°/50°. PowerOptics2 are suitable for XR-E modules only.

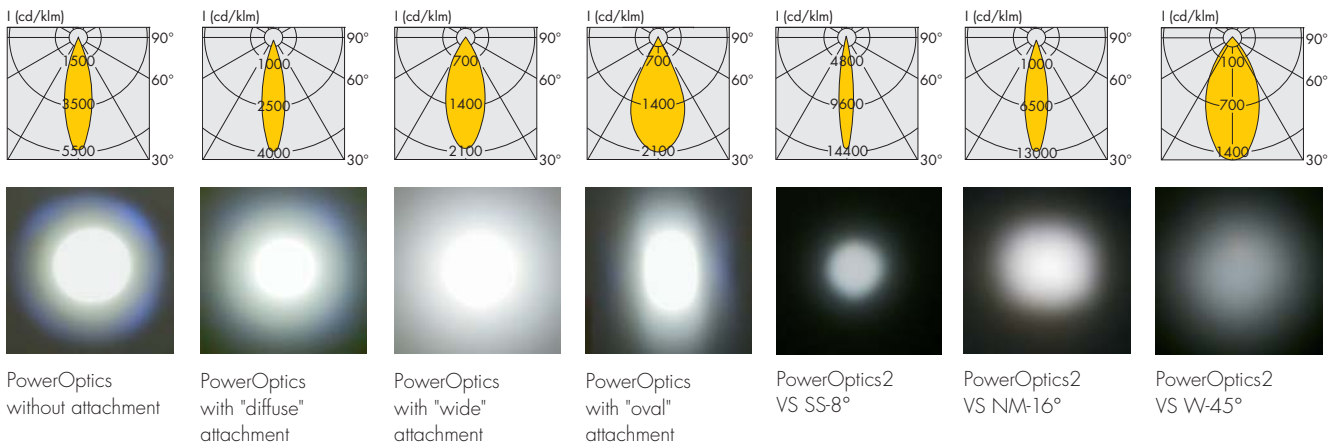


PowerOptics



PowerOptics2

Light Distribution Curves



| Type | Ref. No. | Radiation angle* | Dimensions* (mm) Diameter/module height |
|---|---------------|------------------|--|
| Optics for VS PowerEmitter 1 W and 3 W, LEDLine High Power | | | |
| PowerOptics | 529309 | 20 | 26/12.5 |
| PowerOptics attachment diffuse | 530224 | 20 | 26/13.7 [incl. PowerOptics] |
| PowerOptics attachment wide | 530225 | 34 | 26/13.7 [incl. PowerOptics] |
| PowerOptics attachment oval | 530226 | 20/50 | 26/13.7 [incl. PowerOptics] |
| Optics for VS PowerEmitter 4 W and LEDLine High Power XR-E | | | |
| PowerOptics2 VS SS-8° | 535174 | 8 | 26/14.6 |
| PowerOptics2 VS NM-16° | 536515 | 16 | 26/14.6 |
| PowerOptics2 VS W-45° | 535175 | 45 | 26/14.6 |

* On account of the complex manufacturing process of the modules the above values only represent statistical variables. The values do not necessarily correspond exactly to the actual parameters of every single product which can vary from the typical specification.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification. Please find further detailed information at www.vs-optoelectronic.com.