



Technical Data

“Global” LED Insertion Module Version B.4

	International Standard	Ø 200	Ø 300
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Optics

Luminous intensity	EN 12368	> 200 cd	> 200 cd
Luminous intensity distribution	EN 12368, DIN 67527-1	Power level B2 class 2, type W	Power level B2 class 2, type N
Color	EN 12368, DIN 6163-5	red, amber, green, white	
Phantom light class	EN 12368, DIN 67527-1	5	
Lense type	transparent		

Electronics

Operating voltage	230 V AC - 15% / +10%		
Power frequency	50 Hz		50 Hz
Power consumption	VDE-monitored	16 W 8 W 8 W	red amber green 16 W 8 W 8 W
EMC	EN 50293	according to standard	

Mechanics

Temperature range	EN 12368	-25°C up to +55°C / class B	
Impermeability	EN 60529	IP 65	
Weight		0.8 kg	1.3 kg
Dimensions		Ø 210 mm x 130 mm	Ø 300 mm x 185 mm

Safety

Intrinsic safety	VDE 0832-100	confirmed by TÜV Süddeutschland	
Light engineering reliability	Constant chain circuit through the LEDs; in case of malfunction or defect of single LEDs, the remaining LEDs shine brighter Several parallel LED rows ensure minimum LED failure Central LED structure with high-performance LEDs Always constant EN-compliant luminous intensity through central power supply, even in the event of LED failure		

Special Characteristics

Transparent lens, therefore subjectively higher phantom light class
 Central optics with few, very bright LEDs
 Closed aluminium housing with aluminium cooling element
 Front lens and insertion module form a compact unit

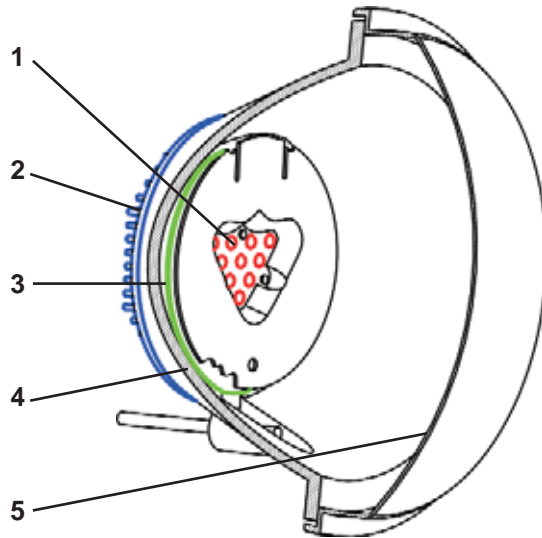




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Structure of an LED insertion module



1. High-performance LED structure
2. Aluminium cooling element
3. Control logic
4. Housing
5. Honeycomb disc

The available specifications for our “Global” LED insertion modules are shown on the overleaf page. With a special coating on the front lens, it is possible to produce every desired symbol.

The LED insertion modules correspond to the requirements of the following standards: DIN EN 12368, DIN 67527-1 (2001), DIN VDE 0832-100 (at the standard-compliant controller), DIN VDE 0832-200 / DIN EN 50293, DIN EN 61000-3-2, EN 60529, EN 60598-1 and RiLSA.

All standards relevant for illumination technology have been confirmed at the BAST, conformity to DIN VDE 0832-100 has been confirmed by TÜV Süddeutschland.

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Technical data subject to change

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