

Device mount - Individual.Lens.Optic - direct, extremely narrow distribution - visually continuous

Device mount made of a galvanised, profiled steel sheet; surface coated with polyester resin. Tool-free attachment with design-integrated pressure caps guarantee protection against theft and dismantling. Housing colour traffic white RAL 9016; Light distribution direct, extremely narrow distribution by means of Individual.Lens.Optic of PMMA plastic, with controlled rack lighting; The single lens optics ensure absolute ease of assembly and are simple to maintain thanks to the easily cleaned surface. The inner rhythm of the 3-row single lens arrangement and the overriding device mount are perfectly in tune to guarantee a homogeneous appearance in the object. Suitable for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 13.5. Electrical connection by means of a fixed, 3-pin, quick-fit plug connector and a free choice of phases. Integrated guide for fast contacting. They are exchangeable, permit modernisation and reliably prolong the service life of the overall system.

CHARACTERISTICS

Order number	19440004110
EAN number	4020863397211
Commodity code	94051190
Certification mark	IP 20, Protection class I, γ $65^\circ < 3000 \text{ cd/m}^2$, ENEC10 VDE, F, HACCP DIN10500/Food/IFS-application-related suitability/BRC, Indoor, CE
Impact resistance (IK rating)	IK03 (-20°C bis 25°C)
Ambient temperatur	ta -20°C to 25°C
Warranty period	5 years

ELECTRICAL ENGINEERING

Controller	Electronic driver (1 pcs.)
System output	70W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	10 pieces/B10, 16 pieces/B16, 10 pieces/C10, 16 pieces/C16
Energy efficiency class/light source	E

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG1
Nominal luminous flux	9442lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	135lm/W
Beam angle	30° (C0) / 30° (C90)
UGR lat./long.	13.5 / 12.1

MECHANICS

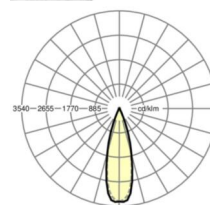
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1531mm x 55mm x 37mm
Weight (net)	1.9kg
Type of installation	Mounting rail system installation, Ceiling-mounted light structure, Pendant light structure

Dimensions

L	1531 mm	Length
B	55 mm	Width
H	37 mm	Height

DEEP-LINK

<https://www.regiolum.de/en/article/19440004110>



Reference	LED 10000lm 830
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	99 % / 1 %
UGR lat./long.	13.5 / 12.1
VDU	$65^\circ < 3000 \text{ cd/m}^2$

