

Recessed spotlight - MIRO® High gloss faceted reflector - direct, narrow distribution

Housing made of die-cast aluminium, powder-coated, square design, die-cast aluminium heat sink for effective passive cooling, reflector unit gimbal-mounted, with fixing springs for installation without tools, suitable for ceiling thicknesses of 10 mm – 20 mm; Housing colour traffic white RAL 9016; Light distribution direct, narrow distribution by means of MIRO® High gloss faceted reflector of MIRO Aluminium, Highly-efficient aluminium with 99.8% reflectance; clear safety glass. 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) 16.5. External driver with luminaire wired ready for operation. Electrical connection via 1.0m long connection cable, $2 \times 0.75 \text{ mm}^2$. Luminaire including LED and driver. Interchangeable reflector 40°-100/110/144 available as an accessory. Head can be rotated 360° and swivelled 30°

CHARACTERISTICS

Order number	37580034130
EAN number	4020863343287
Commodity code	94051190
Certification mark	IP 20, Protection class II, VDU $65^\circ < 3000$, F, Indoor, CE

ELECTRICAL ENGINEERING

Controller	Electronic driver (1 pcs.)
System output	23W
Mains voltage	230V/50Hz
Energy efficiency class/light source	D

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 3000\text{K}$
Nominal luminous flux	2504lm
LED service life	50000h L80/B50
Luminaire luminous efficiency	109lm/W
Beam angle	30°
UGR lat./long.	16.5 / 16.5 (30° reflector)

MECHANICS

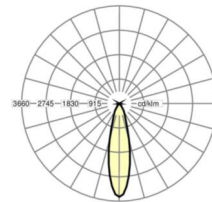
Housing colour	traffic white RAL 9016
Dimensions (LxWxD)	151mm x 151mm x 94mm
Ceiling system	cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	135mm x 135mm
Installation depth	140mm [AD]
Weight (net)	0.4kg
Swivel and turn area (x/y/z)	$\pm 30^\circ / 0^\circ / 360^\circ$
Type of installation	Ceiling installation individual mounting

Dimensions

L	151 mm	Length
B	151 mm	Width
H	94 mm	Height
DA(L)	135 mm	Cutting dimension length
DA(B)	135 mm	Cutting dimension width
DS min	10 mm	Ceiling thickness minimum
DS max	20 mm	Ceiling thickness maximum
Et(AD)	140 mm	Ceiling distance minimum (cut-out ceiling)
KL	115 mm	Length luminaire head or box for ballasts
KB	53 mm	Width luminaire head or box for ballasts
KH	23 mm	Height luminaire head or box for ballasts

DEEP-LINK

<https://www.regiolum.de/en/article/37580034130>



Reference	LED 2500lm 830
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	16.5 / 16.5 (30° reflector)
VDU	$65^\circ < 3000 \text{ cd/m}^2$

