

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

Housing made of die-cast aluminium, powder-coated, round design, tool-free connection of LED unit and LED holder according to the Zhaga specification, die-cast aluminium heat sink for effective passive cooling, reflector unit gimbal-mounted, with fixing springs for tool-free mounting, suitable for ceiling thickness 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,  $65^\circ < 1000 \text{ cd/m}^2$  omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 15.5. External driver with luminaire wired ready for operation. Electrical connection via 0.7m long connection cable,  $2 \times 0.75 \text{ mm}^2 + 2 \times 0.75 \text{ mm}^2$ . Luminaire including LED and driver. Interchangeable reflector  $60^\circ$ -160/170 available as an accessory. Adapter rings are available on request for installation in individual ceiling openings.

## CHARACTERISTICS

Order number	37570066630
EAN number	4020863343560
Commodity code	94051190
Certification mark	IP 20, Protection class II, VDU $65^\circ < 1000$ , F, Indoor, CE
Special properties	Ready for IoT
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

## DEEP-LINK

<https://www.regiolum.de/en/article/37570066630>

## ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	36W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	33 pieces/B10, 55 pieces/B16, 57 pieces/C10, 92 pieces/C16
Energy efficiency class/light source	D

## LIGHTING TECHNOLOGY

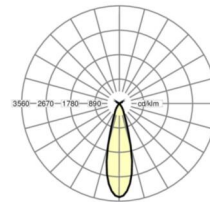
Placement	LED, Colour rendering/Light colour CRI $\geq 80$ / 4000K
Nominal luminous flux	4347lm
LED service life	50000h L80/B50
Luminaire luminous efficiency	121lm/W
Beam angle	$30^\circ$
UGR lat./long.	15.5 / 15.5 ( $30^\circ$ reflector)

## MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxD)	182mm x 119mm
Ceiling system	cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	170mm
Installation depth	160mm [AD]
Weight (net)	1.7kg
Swivel and turn area (x/y/z)	$\pm 45^\circ / 0^\circ / 360^\circ$
Type of installation	Ceiling installation individual mounting

## Dimensions

H	119 mm	Height
D	182 mm	Diameter
DA	170 mm	Cutting dimension diameter
DS min	10 mm	Ceiling thickness minimum
DS max	20 mm	Ceiling thickness maximum
Et(AD)	160 mm	Ceiling distance minimum (cut-out ceiling)
KL	170 mm	Length luminaire head or box for ballasts
KB	45 mm	Width luminaire head or box for ballasts
KH	35 mm	Height luminaire head or box for ballasts



Reference	LED 4300lm 840
$\eta_{LB}$	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	15.5 / 15.5 ( $30^\circ$ reflector)
VDU	$65^\circ < 1000 \text{ cd/m}^2$

