

Recessed downlight - Opal diffuser - direct wide distribution

Housing made of die-cast aluminium painted in RAL 9016 traffic white, with driver, wired ready for use, aluminium heat sink for effective passive cooling and recessed opal diffuser panel to break up the ceiling appearance. With fixing springs for installation without tools, suitable for ceiling thickness of 10 mm – 20 mm. Housing colour white; Light distribution direct wide distribution by means of Opal diffuser, diffuse distribution, with structured surface, UGR (4H/8H) 26.2. Integrated LED driver with luminaire wired ready for operation. Electrical connection via 1.0m long connection cable, 2x0.75mm². Recommended surface-mounting accessory RDES-AR 190 must be ordered separately. Adapter rings are available on request for installation in individual ceiling openings. Special accessory, cover for ceiling cut-out dimensions 190-200 mm, 200-215 mm, 240-260 mm on request.

CHARACTERISTICS

Order number	37672106640
EAN number	4020863344239
Commodity code	94051190
Certification mark	IP 44/20, Protection class II, F, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
Special properties	Ready for IoT
Warranty period	5 years

DEEP-LINK

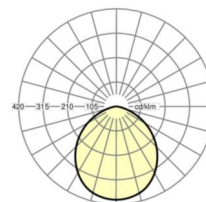
<https://www.regiolux.de/en/article/37672106640>

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI (1 pcs.)
System output	21W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	30 pieces/B10, 50 pieces/B16, 52 pieces/C10, 84 pieces/C16

LIGHTING TECHNOLOGY

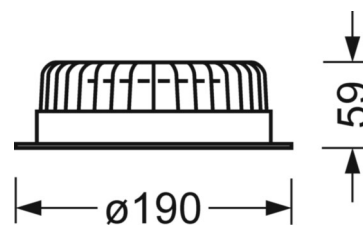
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	5SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	2014lm
LED service life	50000h L80/B50 (Tq 25°C)
Luminaire luminous efficiency	96lm/W
Beam angle	105°
UGR lat./long.	26.2 / 26.2



Reference	LED 2000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	26.2 / 26.2

MECHANICS

Housing colour	white
Dimensions (LxWxH/DxH)	190mm x 59mm
Depth	59mm
Ceiling system	cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	175mm
Installation depth	110mm [AD]
Weight (net)	0.91kg
Type of installation	Ceiling installation individual mounting, Ceiling-mounted single installation



Dimensions

H	59 mm	Height
D	190 mm	Diameter
T	59 mm	Depth
DA	175 mm	Cutting dimension diameter
DS min	10 mm	Ceiling thickness minimum
DS max	20 mm	Ceiling thickness maximum
Et(AD)	110 mm	Ceiling distance minimum (cut-out ceiling)
KL	145 mm	Length luminaire head or box for ballasts
KB	67.5 mm	Width luminaire head or box for ballasts
KH	30 mm	Height luminaire head or box for ballasts

