

Recessed downlight - microprismatic diffuser pane - direct wide distribution

Enclosure of die-cast aluminium painted in RAL 9016 traffic white, with driver, wired ready for operation, aluminium heat sink for effective passive cooling and recessed micro-prismatic diffuser pane to break up the ceiling appearance. With fastening springs for installation without tools, suitable for ceiling thickness of 10mm – 20mm. Housing colour white; Direct, wide light distribution by means of a microprismatic diffuser with textured surface. Integrated LED driver with luminaire wired ready for operation. Electrical connection via 1.0m long connection cable, 2x0.75mm<sup>2</sup>. Recommended surface-mounting accessory RDES-AR 230 must be ordered separately. Adapter rings are available on request for installation in individual ceiling openings. Special accessory, cover for ceiling cut-out dimensions 240-260 mm on request.

**CHARACTERISTICS**

Order number	37673114170
EAN number	4020863469758
Commodity code	94051190
Certification mark	IP 44/20, Protection class II, F, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
Warranty period	5 years

**DEEP-LINK**

<https://www.regiolux.de/en/article/37673114170>

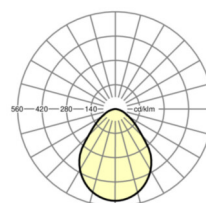
**ELECTRICAL ENGINEERING**

Controller	Electronic driver (1 pcs.)
System output	16W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	14 pieces/B10, 24 pieces/B16, 24 pieces/C10, 40 pieces/C16
Energy efficiency class/light source	C



**LIGHTING TECHNOLOGY**

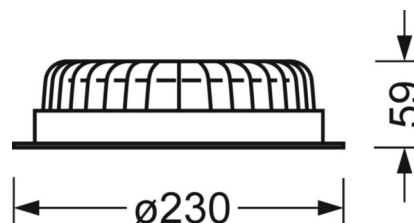
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RGO
Nominal luminous flux	1861lm
LED service life	50000h L80/B50 (Tq 25°C)
Luminaire luminous efficiency	116lm/W
Beam angle	85°
UGR lat./long.	22.3 / 22.3



Reference	LED 1900lm 830
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	22.3 / 22.3

**MECHANICS**

Housing colour	white
Dimensions (LxWxH/DxH)	230mm x 59mm
Depth	59mm
Ceiling system	cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	215mm
Installation depth	110mm [AD]
Weight (net)	1.21kg
Type of installation	Ceiling-mounted single installation, Ceiling installation individual mounting



**Dimensions**

<b>H</b>	59 mm	Height
<b>D</b>	230 mm	Diameter
<b>T</b>	59 mm	Depth
<b>DA</b>	215 mm	Cutting dimension diameter
<b>DS min</b>	10 mm	Ceiling thickness minimum
<b>DS max</b>	20 mm	Ceiling thickness maximum
<b>Et(AD)</b>	110 mm	Ceiling distance minimum (cut-out ceiling)
<b>KL</b>	145 mm	Length luminaire head or box for ballasts
<b>KB</b>	43 mm	Width luminaire head or box for ballasts
<b>KH</b>	30 mm	Height luminaire head or box for ballasts

