

- Micro-prismatic diffuser - direct distribution

White steel frame for surface-mounting on ceiling and white powder-coated aluminium luminaire housing. Housing colour traffic white RAL 9016; LED backlight light technology, Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA, non-yellowing pane and single lenses. 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) 18.8. Including multi-lumen driver with 4 adjustable light outputs; flicker $< 5\%$; Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation. lowea luminaire and mounting frame. Further operating data can be found in the operating instructions.

CHARACTERISTICS

Order number	60174034150+60170005100
Commodity code	94051190
Certification mark	IP 20, Protection class II, $\gamma 65^\circ < 3000 \text{ cd/m}^2$, F, Indoor, CE
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

Controller	Electronic multi-lumen driver, 4-steps (1 pcs.)
System output	40W-31W
Mains voltage	230V/50Hz

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Nominal luminous flux/switching steps	4800lm/40W, 4400lm/36W, 4200lm/35W, 3900lm/31W (Standard setting 3900lm)
LED service life	50000h L80/B10
Luminaire luminous efficiency	125lm/W-119lm/W
UGR lat./long.	18.8 / 18.8 (31W)

MECHANICS

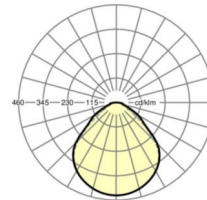
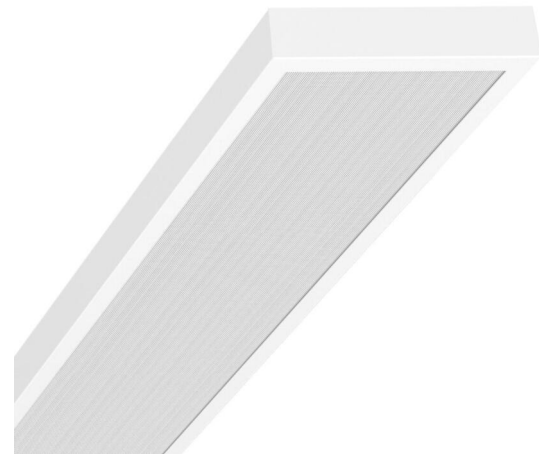
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1203mm x 303mm x 62mm
Depth	62mm
Weight (net)	6.49kg
Type of installation	Ceiling-mounted single installation

Dimensions

L	1203 mm	Length
B	303 mm	Width
H	62 mm	Height
T	62 mm	Depth
KL	144 mm	Length luminaire head or box for ballasts
KB	42 mm	Width luminaire head or box for ballasts
KH	29 mm	Height luminaire head or box for ballasts

DEEP-LINK

<https://www.regiolum.de/en/article/60174034150+60170005100>



Reference	LED 3900lm/31W 840
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	18.8 / 18.8
VDU	$65^\circ < 3000 \text{ cd/m}^2$

