protection IPA-PRAG/660 IP54 IPA LED 5000 840 • vw RAL 9016 • ET • 62000014113

REGIOLUX

Clean room luminaire/surface-mounted luminaire - Satin-finished diffuser - direct distribution

Sheet steel housing suitable, rectangular cross section; suitable for clean rooms and clean room areas according to DIN 14644-1; simultaneous IPA certificated luminaires, tested for clean room systems per ISO CLASS1 as well as chemical and biological resistance down to individual component level; Housing colour traffic white RAL 9016; Direct diffuse light distribution using acrylic satinised diffuser with naturally anodised aluminium frame, neutral white light colour (840) with very good colour consistency and high colour rendering Ra>80; Integrated LED driver design. Electrical connection via 3-pole connection terminal with plug-in contacts.; With changeover converter for emergency lighting operation on request. An extractor is included for prismatic and frosted panes to remove the sealing frame. Suitable for air purity class ISO 14644-1 Class 2 with excellent to very good results in terms of microbial metabolic potential and chemical resistance.

CHARACTERISTICS

Order number	62000014113
EAN number	4020863318025
Commodity code	94051190
Certification mark	IP 54, Protection class I, F, IPA, Clean room, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK03
Ambient temperatur	ta 25°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

Controller	Electronic driver (1 pcs.)
System output	31W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	24 pieces/B10, 38 pieces/B16, 40 pieces/C10, 63 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

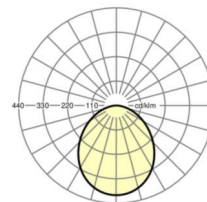|	
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	5139lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	165lm/W
UGR lat./long.	20.9 / 20.8

MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	665mm x 654mm x 90mm
Weight (net)	7.9kg
Cable entry KE (X/Y)	0mm/15mm
Type of installation	Ceiling-mounted single installation

Dimensions

L	665 mm	Length
B	654 mm	Width
H	90 mm	Height
A1	400 mm	Mounting distance single mounting
A4	400 mm	Mounting distance (width)
X	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	15 mm	Distance cable infeed to the center of the luminaire on the Y-axis

DEEP-LINK

Fraunhofer TESTED® DEVICE
REGIOLUX GmbH
PRAG 5000 ET LED IPA
Report No. RE 2011-1189

Reference	LED 5000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	20.9 / 20.8