aduna-ADAX/1500 IP65 LED 12700 850 • vw RAL 9016 • DALI2 • 62153016660

REGIOLUX

Surface-mounted luminaire - Silky matt MIRO® parabolic louvres - direct distribution

Sheet steel housing suitable, rectangular cross section; suitable for use in clean rooms and clean room areas per DIN 14644-1; manufactured per IPA provisions, as well as the directives for quality assurance GMP (Good Manufacturing Practice); Housing colour traffic white RAL 9016; Light distribution direct distribution by means of Silky matt MIRO® parabolic louvres of aluminium, Reflectivity-enhanced, with clear cover made of laminated safety glass. Suitable for VDU workstations, 65° < 1000 cd/m² omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.7. Integrated LED driver design.. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts; Luminous flux in emergency light mode 12660 lm. The aduna clean room luminaire is suitable for direct voltage (0/50Hz), emergency luminaires must have additional marking. 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

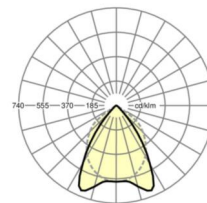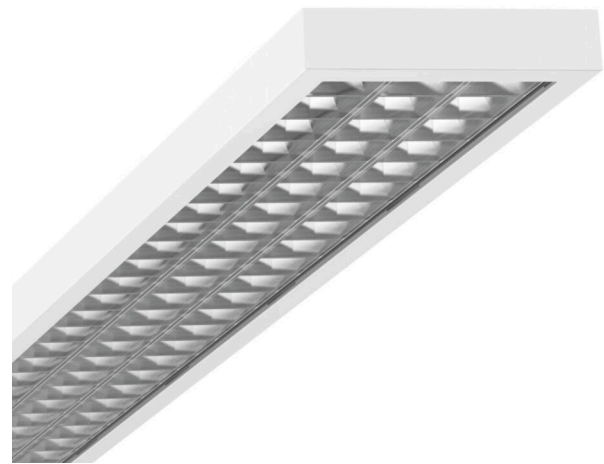|	
Order number	62153016660
EAN number	4020863450510
Commodity code	94051190
Certification mark	IP 65, Protection class I, VDU 65°<1000, F, D, Clean room, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK07 (-20°C bis 35°C)
Ambient temperatur	ta -20°C to 35°C
Special properties	Ready for IoT
Warranty period	7 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

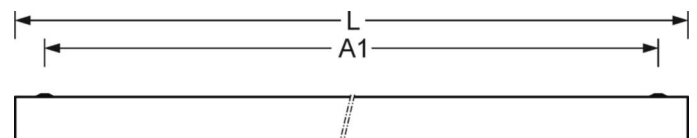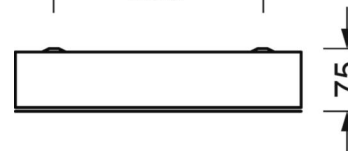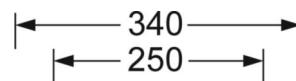|	
Controller	Electronic driver DALI2 (2 pcs.)
System output	100W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 5000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	12660lm
Nominal luminous flux-emergency lighting mode	12660lm
LED service life	68000h L80/B10 (Tq 35°C), 80000h L80/B10 (Tq 25°C), 37000h L90/B10 (Tq 25°C)
Luminaire luminous efficiency	127lm/W
UGR lat./long.	14.7 / 18.7

DEEP-LINK

Reference	LED 12700lm 850
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	14.7 / 18.7
VDU	65° < 1000cd/m²

340
250
75
L
A1

MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	1473mm x 340mm x 75mm
Ceiling system	cut-out ceilings [AD]
Weight (net)	17kg
Cable entry KE (X/Y)	65mm/150mm
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation, Installation in clean room ceilings, Ceiling installation individual mounting

Dimensions

L	1473 mm	Length
B	340 mm	Width
H	75 mm	Height
A1	1380 mm	Mounting distance single mounting
A3	93 mm	Mounting distance between luminaires in a light run arrangement
X	65 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	150 mm	Distance cable infeed to the center of the luminaire on the Y-axis