

Best Clean

1200x300 IP65 54W/940 DA2 GLO

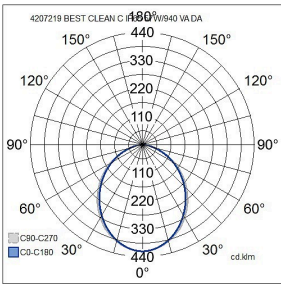
Clean area luminaire

For hospitals and other public-space applications where IP65 protection is required. Corrosion-resistant. The hardened, opal glass diffuser is loosened with the Best Clean suction cup (4207374), which is available via separate order. Available in two sizes, outputs and colour temperatures. The luminaire offers an excellent colour rendering index, CRI 90. The Best Clean luminaires have been certified in accordance with the ISO 14644-1 standard and they have been granted the ISO 3 cleanroom classification.

Best Clean Clean area luminaire 54W 4000K 5355lm Dim DALI-2; IP65; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>90; SDCM3; Suitable for through wiring; 5x2.5mm²; Housing Steel; Colour wh; Cover Glass opal; C16 max. 19

Stocked: No

1200x300 IP65 54W/940 DA2 GLO			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4207219	4207219	11	Best Clean



1200x300 IP65 54W/940 DA2 GLO

EC002892 Ceiling / wall luminaire

Mounting		Structure	
Suitable for wall mounting	No	With mounting material	Yes
Suitable for suspended mounting	No	Lamp type	LED not exchangeable
Suitable for ceiling mounting	Yes	Light source included	Yes
Suitable for recessed mounting	Yes	Suitable for number of lamps	1
Suitable for surface mounting	No	Lamp holder	Other
Suitable for light line configuration	No	Housing material	Steel
Suitable for clamp-mounting	No	Housing surface protection	Powder coating
Fit for workplace acc. EN 12464-1	No	Housing colour	White
Degree of protection (IP)	IP65	Cover material	Glass opal
Degree of protection (IP), rear side	IP65	Control gear included	Yes
Degree of protection (IP), front side	IP65	Exchangeable control gear	Yes
Max. number of luminaires per miniature circuit breaker C10 (MCB)	12	Energy efficiency class of light source according to EU regulation 2019/2015	Not required
Max. number of luminaires per miniature circuit breaker B16	12	Containing product according to 2019/2020/EU	Yes
Max. number of luminaires per miniature circuit breaker C16	19	Emergency power supply system	None
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	No	Emergency power supply integrated	No
Suitable for emergency lighting	No	With switch	No
Emergency function monitoring system	None	With air slots	No
Luminaire may be covered with thermally insulating material	No	Filament test according to IEC 60695-2-11	650 °C - 30 s
Type of wiring	Suitable for through wiring	Electrotechnical data	
Number of poles	5	Voltage type	AC
Conductor cross section (mm ²)	2.5 mm ²	Nominal voltage (min) (V)	220 V
Connection type	Screwless terminal	Nominal voltage (max) (V)	240 V
Connectable conductor cross section (min) (mm ²)	1.5 mm ²	Type of control gear	LED operating device current-controlled
Connectable conductor cross section (max) (mm ²)	2.5 mm ²	Protection class according to IEC 61140	I
		Suitable for lamp power (min) (W)	54 W
		Suitable for lamp power (max) (W)	54 W
		Luminaire efficacy (min) (lm/W)	99 lm/W
		Luminaire efficacy (max) (lm/W)	99 lm/W
		Maximum system power (W)	54 W
		Luminaire efficacy (lm/W)	99 lm/W
		Power factor	0.9
		Total harmonic distortion (THD) (%)	20 %
		Total harmonic distortion	20 THD

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	Yes
Dimming DALI-2	Yes
Dimming DMX	No
Dimming DSI	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	No
Dimming leading edge	No
Dimming programmable	No
Dimming potentiometer (integrated)	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	No
With presence indicator	No
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Rated luminous flux according to IEC 62722-2-1 (min) (lm)	5355 lm
Rated luminous flux according to IEC 62722-2-1 (max) (lm)	5355 lm
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	5355 lm
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	90-100
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Unified Glare Rating (UGR)	22
Colour temperature switchable	No
Lumen setting adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Rated life time L80/B50 at 25 °C	100000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	85 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Width (mm)	295 mm
Height/depth (mm)	90 mm
Length (mm)	1195 mm
Built-in length (mm)	1200 mm
Built-in width (mm)	300 mm
Built-in height/depth (mm)	127 mm