PHILIPS

Lighting

Aura

RC430V LED37/840 W60L60 PSD OC U/D

Aura, 114 lm/W, 840 neutral white, DALI

As an innovative troffer, CoreView Pro RC430V uses indirect and direct light output to reach UGR19 without using heavy and big glare control plates. The central module can be easily replaceable for future maintenance. The light from the central light module can be controlled separately to fit multiple applications. BioUp technology provides better well being for the people in indoor environment.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Specification
Warranty period	3 years

Light Technical	
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	114 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	115 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	8.04 A
Inrush time	0.05 ms
Power Consumption	32 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	43
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming	
Dimmable	DALI
Control interface	DALI
Maximum dim level	1%

Mechanical and Housing	
Housing Material	Metal

Aura

Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polystyrene
Housing Color	White RAL 9003
Mounting device	Recessed mounting box square
Optical cover finish	Diffused lens optic
Overall length	595 mm
Overall width	595 mm
Overall height	92 mm
Dimensions (Height x Width x Depth)	92 x 595 x 595 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Prismatic bowl/cover linear horizontal
Net Weight (Piece)	1.840 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark

Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

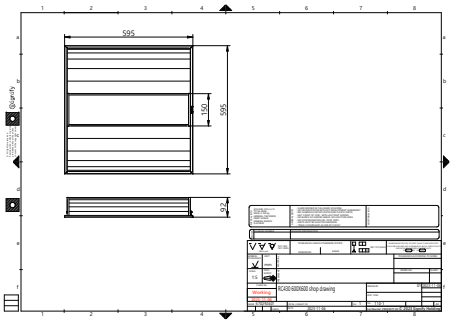
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	3
Power consumption tolerance	+/-10%

Product Data

Order product name	RC430V LED37/840 W60L60 PSD OC U/D
Full product name	RC430V LED37/840 W60L60 PSD OC U/D
Order code	911401584945
Material Nr. (12NC)	911401584945
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



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