



TrueSlim

RC710B 2X34S/840 PSED W5 L120 BK

TrueSlim, In between ceiling lamellas, 61 W, 1135x21 mm; H41 mm, 3400 lm, 4000 K, DALI, UGR19, Adels, TP(b), EL-DC

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. TrueSlim is an offering that meets the flexibility requirements for ceiling integration, suitable for a InterAlu & Haufe ceiling types. Specifiers & ceiling integrators need luminaires that save energy, at the same time as providing the right level of light to fit into a specific ceiling dimension. Not only is it compliant with the WELL Building Standard for Light, TrueSlim is rated UGR<19, which is compliant with all office norms (OC). These luminaires in the family are available in different lengths and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueSlim luminaires are also a sustainable, with efficiency up to 110 lm/W, lifetime of L90 at 50K hrs and the option to upgrade to wireless connectivity and control.

Warnings and Safety

- The product is IP20 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed is suitably checked.
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void.

Product data

General Information			
Number of gear units	1 unit		control units, surge protection device, front cover and mechanical parts
Driver included	Yes	Warranty period	5 years
Value ladder	Performance	Sustainability rating	Unclassified
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver,	Light Technical	
		Luminous Flux	3,400 lm

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	80° x 80°
Unified glare rating CEN	19
Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65≤3000 cd/m ²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	61 W
Inrush current	1.4 A
Inrush time	5,000 ms
Power Consumption	61 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 5-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	32
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Wiring

Connector Type	Adels
----------------	-------

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated)
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	-
Fixation material	Stainless steel
Housing Color	Black
Optical cover finish	-
Overall length	1,135 mm
Overall width	39 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 39 x 1135 mm
Optical finish	Structured optic
Ingress protection code	IP20 [Finger-protected]

Mech. impact protection code	IK03 [0.3 J]
Explosion hazard class	-
Mounting	Bracket
Net Weight (Piece)	0.900 kg

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting
Emergency lighting operation mode	Maintained

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 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Diffuser Flammability Class	TP(b) diffuser flammability class
Performance ambient temperature Tq	25 °C
Ambient temperature range	0 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	2.5 %
Control gear failure rate at median useful life 100000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90

Product Data

Order product name	RC710B 2X34S/840 PSED W5 L120 BK
Full product name	RC710B 2X34S/840 PSED W5 L120 BK
Full product code	872016963027700
Order code	910505105762
Material Nr. (12NC)	910505105762
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169630277
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169630277
Product family code	RC710B [TrueSlim]

Dimensional drawing

