



TrueSlim

RC710B 34S/840 PSD ELP3 W5 L120 BK

TrueSlim, In between ceiling lamellas, 30 W, 1145x21 mm; H46 mm, 3400 lm, 4000 K, DALI, UGR19, Adels, TP(b), ELP3h

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
Driver included	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical	
Luminous Flux	3,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 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	15 W
Inrush current	0.7 A
Inrush time	5,000 ms
Power Consumption	30 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
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
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	1,145 mm
Overall width	39 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 39 x 1145 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

Emergency flux	300 lm
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Power consumption during Central DC emergency mode	4 W
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Additional max. power consumption when emergency battery is charging	3 W
Central Emergency	No
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3 hours duration Pro version
Emergency function testing method	Automatic pre-programmed self testing
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

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and

documentation are available for a period of time.

Material Nr. (12NC)	910505105764
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169630291
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169630291
Product family code	RC710B [TrueSlim]

Product Data

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Full product name	RC710B 34S/840 PSD ELP3 W5 L120 BK
Full product code	872016963029100
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Dimensional drawing

