



# TrueSlim

## RC710B 34S/830 PSED W5 L120 BK

TrueSlim, In between ceiling lamellas, 30 W, 1135x21 mm; H41 mm, 3400 lm, 3000 K, DALI, UGR19, Adels, TP(b), EL-DC

In between ceiling lamellas, 1135x21 mm; H41 mm, Steel, Black, Single layer powder coating, Bracket, Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated), 3400 lm, 30 W, 113 lm/W, Frost, 3000 K, (0.43, 0.40) SDCM <3, UGR19, L65≤3000 cd/m², Very wide beam, IP20 | Finger-protected, IK03 | 0.3 J, Safety class II, Plug-in connector 5-pole Wieland/Adels compatible, TP(b) diffuser flammability class, DC operated central emergency lighting

### 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		Light source color	
Number of gear units	1 unit	Light source color	830 warm white
Driver included	Yes	Optic type	Very wide beam
Value ladder	Performance	Luminaire light beam spread	80° x 80°
Warranty period	5 years	Unified glare rating CEN	19
		Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65≤3000 cd/m²
Light Technical		Operating and Electrical	
Luminous Flux	3,400 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	3000 K	Line Frequency	50 to 60 Hz
Luminous Efficacy (rated) (Nom)	113 lm/W	Average CLO power consumption	30 W
Color rendering index (CRI)	>80		

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, 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	(0.43, 0.40) 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.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

## Product Data

Order product name	RC710B 34S/830 PSED W5 L120 BK
Full product name	RC710B 34S/830 PSED W5 L120 BK
Full product code	872016963020800
Order code	910505105755
Material Nr. (12NC)	910505105755
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169630208
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169630208
Product family code	RC710B [TrueSlim]

## Dimensional drawing

