



# StoreSet

## RC505B LED80S/830 PSU WB WH W3

StoreSet Recessed - 830 warm white - Power supply unit - Wide beam - Plug-in connector 3-pole Wieland/Adels compatible - White

Today's retail stores are all about creating experiences in order to attract and retain visitors. StoreSet adds atmosphere to your store by introducing contrast and breaking up the traditional continuous light-lines. A variety of beam shapes, combined with excellent light quality, ensures the merchandise stands out, whilst at the same time enabling you to create your chosen ambience. StoreSet is lightweight and can be easily connected to power tracks. Installation is straightforward, and if your needs change, you can simply adapt the lighting by repositioning the fixtures along the track. This makes StoreSet a truly flexible tool for setting store ambience.

### Product data

General Information		Flammability mark	For mounting on normally flammable surfaces
Beam angle of light source	120 °	CE mark	CE mark
Light source color	830 warm white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Driver/power unit/transformer	Power supply unit	Constant light output	No
Driver included	Yes		
Optic type	Wide beam		
Luminaire light beam spread	40°		
Connection	Plug-in connector 3-pole Wieland/Adels compatible		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 650 °C, duration 5 s		

# StoreSet

Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	RC505B [ StoreSet Recessed]
Unified glare rating CEN	Not applicable

## Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.275 ms
Power Factor (Min)	0.9

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Material	Metal
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	622 mm
Overall width	214 mm
Overall height	65 mm
Color	White

## Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8000 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	127 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.43, 0.40) SDCM<3
Initial input power	63 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

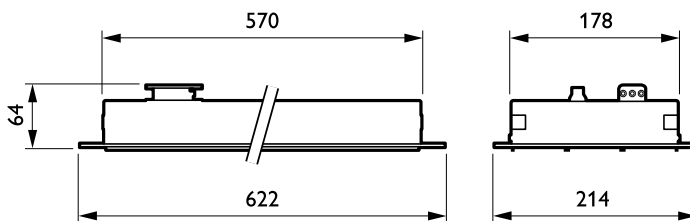
## Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

## Product Data

Full product code	871869917222000
Order product name	RC505B LED80S/830 PSU WB WH W3
EAN/UPC - Product	8718699172220
Order code	910500459747
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500459747
Net Weight (Piece)	3.000 kg

## Dimensional drawing



StoreSet recessed RC505B

