



TrueCircle Recessed

RC250B 37S/840 PSD O D500 WH

TrueCircle Recessed, 35.5 W, D500 mm, 3700 lm, 4000 K, DALI

D500 mm, Aluminium, White, Traffic white (RAL9016), Power supply unit with DALI interface, 3700 lm, 35.5 W, 104 lm/W, 4000 K, (0.38, 0.38) SDCM <lt/>3, Opal, Opal, Polystyrene, IP20/40 | Finger-protected;Wire-protected, IK02 | 0.2 J standard, Safety class I, Push-in connector and pull relief

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years
Light Technical	
Luminous Flux	3,700 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Opal
Luminaire light beam spread	120°

Unified glare rating CEN	23
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	- W
Inrush current	18 A
Inrush time	250 ms
Power Consumption	35.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	34
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

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Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

Mechanical and Housing

Housing Material	Aluminium
Reflector material	Steel
Optic material	-
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	500 mm
Overall height	110 mm
Overall diameter	500 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	3.400 kg

Emergency Operation

Central Emergency	No
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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	-
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <lt/>3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	80 %
Control gear failure rate at median useful life 50000 h	0.1 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

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 Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

Order product name	RC250B 37S/840 PSD O D500 WH
Full product name	RC250B 37S/840 PSD O D500 WH
Full product code	871869979798000
Order code	912401483438
Material Nr. (12NC)	912401483438
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699797980
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699797980

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Dimensional drawing

