



CoreLine Recessed

RC120B LED37S/840 PSU W60L60

Coreline Recessed - LED Module, system flux 3700 lm - 840 neutral white - Power supply unit - Width 0.60 m, length 0.60 m

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy — it's a simple switch.;InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product data

General Information	
Number of light sources	2 pcs
Lamp family code	LED37S [LED Module, system flux 3700 lm]
Light source color	840 neutral white
Cap-Base	-[-]
Light source replaceable	No
Number of gear units	1 unit
Gear	EB [Electronic]
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	Polycarbonate linear satinized
Luminaire light beam spread	86°
Emergency lighting	-
Connection	Push-in connector and pull relief
Cable	-

Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
Safety device	SC [Safety cable]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
Warranty period	3 years + 2 years upon registration
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.
Constant light output	No

Datasheet, 2019, September 19 data subject to change

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RoHS mark ROHS mark ROHS mark ROHS mark RC1208 [Coreline Recessed] Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 8 A Inrush time 0.06 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Geometry Width 0.60 m, length 0.60 m Housing Material Steel Reflector material Steel Optic material Polycarbonate Optical cover/lens material Steel Fixation material Optical cover/lens finish Textured Overall length S97 mm Overall width S97 mm Overall height S120 [Finger-protected] Ingress protection code IP20 [Finger-protected] Mech. impact protection code IR02 [0.2 J standard]	Number of products on MCD of 10 A time	24
RoHS mark Product family code RC120B [Coreline Recessed] Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 8 A Inrush time 0.06 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Geometry Width 0.60 m, length 0.60 m Housing Material Steel Reflector material Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Number of products on MCB of 16 A type	24
Product family code Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 8 A Inrush time 0.06 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Geometry Width 0.60 m, length 0.60 m Housing Material Steel Reflector material Optic material Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material Overall length S97 mm Overall width S97 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]		DoUS mark
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Geometry Width 0.60 m, length 0.60 m Housing Material Steel Reflector material Steel Optic material Polycarbonate Optical cover/lens material Steel Fixation material - Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Dimmable	No
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Optical cover/lens material Polycarbonate Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material - Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Housing Material	Steel
Optical cover/lens material Polycarbonate Gear tray material Steel Fixation material - Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Reflector material	Steel
Gear tray material Fixation material Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Optic material	Polycarbonate
Fixation material - Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Optical cover/lens material	Polycarbonate
Optical cover/lens finish Textured Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Gear tray material	Steel
Overall length 597 mm Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Fixation material	-
Overall width 597 mm Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Optical cover/lens finish	Textured
Overall height 32 mm Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Overall length	597 mm
Color White Approval and Application Ingress protection code IP20 [Finger-protected]	Overall width	597 mm
Approval and Application Ingress protection code IP20 [Finger-protected]	Overall height	32 mm
Ingress protection code IP20 [Finger-protected]	Color	White
Ingress protection code IP20 [Finger-protected]		
	Approval and Application	
Mech. impact protection code IK02 [0.2 J standard]	Ingress protection code	IP20 [Finger-protected]
	Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)		
Initial luminous flux (system flux)	3700 lm	
Luminous flux tolerance	+/-10%	
Initial LED luminaire efficacy	93 lm/W	
Init. Corr. Color Temperature	4000 K	
Init. Color Rendering Index	≥80	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Initial input power	34.2 W	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		

Over Time Performance (IEC Computant)	
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	

Application Conditions	
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Full product code	871794389755100

Full product code	871794389755100
Order product name	RC120B LED37S/840 PSU W60L60
EAN/UPC - Product	8717943897551
Order code	910503695118
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910503695118
Net Weight (Piece)	2.900 kg

data subject to change

Dimensional drawing



CoreLine Recessed RC120B/RC122B

CoreLine Recessed



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