



# Coreline 2.0

## RC100C LED35S/840 PSD W30L120

LED module 2200 lm, 840 neutral white, Power supply unit with DALI interface

Coreline 2.0 keeps the compact design of the last generation with performance improvement and more variants for different markets. Integrating with ActiLume controller, Coreline 2.0 offers additional energy saving through daylight harvesting and motion sensing.

### Product data

General Information		Correlated Color Temperature (Nom)	4000 K
Lamp family code	LED22 [LED module 2200 lm]	Luminous Efficacy (rated) (Nom)	101 lm/W
Light source replaceable	No	Color rendering index (CRI)	≥80
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Beam angle 60 to 120°
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.	Optical cover type	Variable linear-lens array in polycarbonate cover
Light source engine type	LED	Luminaire light beam spread	90°
Glow-wire test	Temperature 650 °C, duration 30 s	Operating and Electrical	
CE mark	CE mark	Input Voltage	220-240 V
ENEC mark	-	Line Frequency	50 or 60 Hz
		Power Consumption	36.5 W
		Power Factor (Fraction)	0.9
		Number of products on MCB of 16 A type B	24
Light Technical			
Luminous Flux	3,700 lm		

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### Temperature

Ambient temperature range	-20 to +40 °C
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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

### Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Ribbed

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Protection class IEC	Safety class I
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### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

### Application Conditions

Performance ambient temperature Tq	25 °C
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### Product Data

Order product name	RC100C LED35S/840 PSD W30L120
Full product name	RC100C LED35S/840 PSD W30L120
Full product code	911401826399
Order code	911401826399
Material Nr. (12NC)	911401826399
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

## Dimensional drawing

