



Coreline 2.0

RC100C LED35S/840 PSD W30L120 ACL

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

Coreline 2.0

Temperature

| | |
|---------------------------|-------------|
| Ambient temperature range | 0 to +40 °C |
|---------------------------|-------------|

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 |
|----------------------|----------------|

Initial Performance (IEC Compliant)

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

Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
|------------------------------------|-------|

Product Data

| | |
|---------------------------------|-----------------------------------|
| Order product name | RC100C LED35S/840 PSD W30L120 ACL |
| Full product name | RC100C LED35S/840 PSD W30L120 ACL |
| Full product code | 911401826899 |
| Order code | 911401826899 |
| Material Nr. (12NC) | 911401826899 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |

Dimensional drawing

