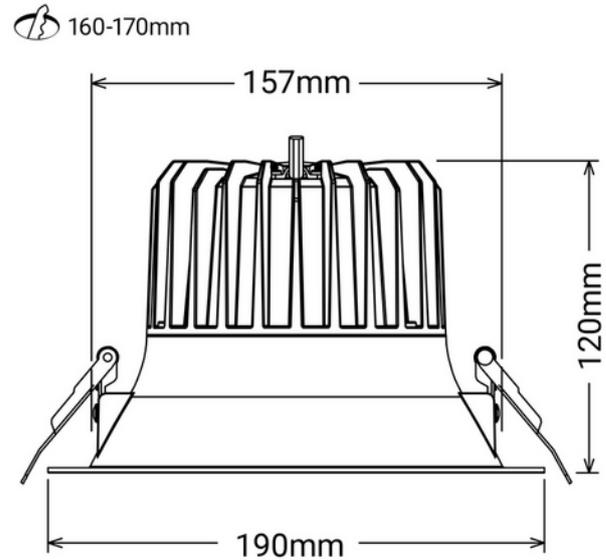


**PRODUCT DATA SHEET**

Ceto R 2100lm 18W 927 36° BK 18i3 Phasecut IP44 Ø160-175mm

Art.no: 102790-36-2

*Lighting Solutions*

Ceto R 2100lm 18W 927 36° BK 18i3 Phasecut IP44 Ø160-175mm



Ceto R is an elegant retrofit lighting product, ideal for use in corridors, offices, stores, and hotels to create a pleasant atmosphere. With an impressive CRI, CCT, and lumens per watt, Ceto R provides high-quality lighting that meets various needs. The product has an optimal size, with a cutout diameter of Ø160-175mm, making it perfect for replacing older retrofit lighting.

| ELECTRICAL DATA | |
|---------------------------|--------------------|
| Protection Class (system) | 2 |
| Dimming (system) | Phase-Cut |
| Voltage (system) [V] | 230V 50Hz |
| Emergency light (h) | No Emergency light |
| Emergency light testing | N/A |

| TECHNICAL DATA | |
|----------------|------|
| IK (system) | IK06 |

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| TECHNICAL DATA | |
|----------------------------|----------|
| IP (system) | IP44 |
| Outdoor | No |
| Operating temperature (°C) | -20 - 45 |

| PHOTOMETRIC DATA | |
|-------------------------------------|-----------------|
| Efficacy (system) (lm/W) | 105 |
| CRI / Ra (>=) | 90 |
| CCT (Color Temperature) (K) | 2700 |
| Color Code | 927 |
| Lightsource Type | LED (built in) |
| Socket / Cap-Base | N/A |
| Lens (Diffuser) | Clear |
| Lifetime (h) | L80B10: 100 000 |
| MacAdam (SDCM) | 3 |
| UGR (<=) | 19 |
| Manufacturer (light source) | Bridgelux |
| Forward Current LED (min-max) (mA) | 250 - 1750 |
| Forward Voltage LED (max tp=25) (V) | 40.0 |
| Driftspenning LED (min tp=65) (V) | 30.0 |

| DRIVER | |
|--|-------------------------|
| Manufacturer (driver) | AcTEC |
| Protection Class (driver) | 2 |
| Standby power P _{sb} (W) < | 1.0 |
| Flicker metric (P _{st} LM) < | 1.0 |
| Stroboscopic effect metric (SVM) < | 0.4 |
| Max Output Voltage (V) | 40 |
| Dimming (driver) | Phase-Cut |
| Dimming Minimum Level (%) | 1.0 |
| Dimming Phasecut Type | Leading / Trailing edge |
| Dimming output type | PWM |
| IP (driver) | IP20 |
| Expected Lifetime (driver) (h) | 50000 |
| Flicker-free | Yes |
| Constant current or voltage (CC or CV) | CC |

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| DRIVER | |
|-------------------------------------|-------------|
| CC (driver) [mA] | 420 - 470 |
| CC (forward voltage driver) (V) | 20.0 - 40.0 |
| CV (driver) [V] | 33 |
| Output Current Tolerance (%) | 5.0 |
| Current Ripple (%) | 5.0 |
| Max load pr circuit - B10 | 35 |
| Max load pr circuit - B16 | 56 |
| Max load pr circuit - C10 | 74 |
| Max load pr circuit - C16 | 118 |
| Max load pr circuit - C20 | 148 |
| Leakage current (mA) | 5.0 |
| Inrush current time (µs) | 100.0 |
| Inrush current I _{max} (A) | 5.0 |

| DIMENSIONS | |
|-------------------------|-------|
| Length (product) (mm) | 190.0 |
| Width (product) (mm) | 190.0 |
| Height (product) (mm) | 120.0 |
| Weight (product) (kg) | 0.7 |
| Diameter (product) (mm) | 190.0 |

| MATERIALS AND SURFACES | |
|------------------------|---------|
| Color | Black |
| RAL Code | RAL9005 |

| INSTALLATION AND CONNECTION | |
|-----------------------------|-----------------------|
| Mounting | Recessed |
| Connection (system) | 18i3 Quick connection |

| ENERGY AND CERTIFICATIONS | |
|---------------------------|-----|
| Energy Class EPREL | E |
| CE mark | Yes |



PRODUCT DATA SHEET

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Lighting Solutions

LIGHT DISTRIBUTION

