



PRODUCT DATA SHEET

Ceto R 2100lm 18W 930 36° BK 18i3 Phasecut IP44 Ø160-175mm

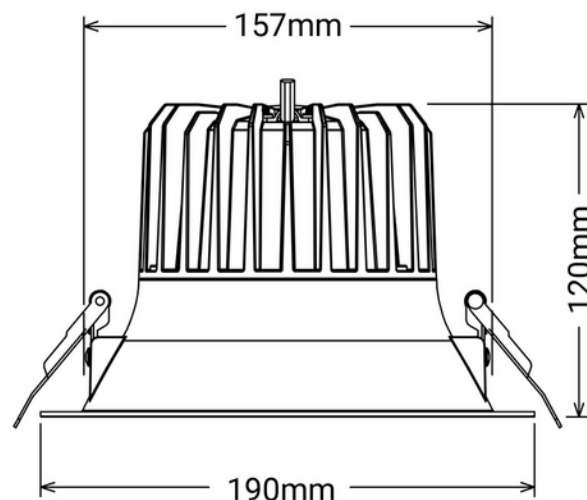
Art.no: 102791-36-2

NORLUX®

Lighting Solutions



160-170mm



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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)	3000
Color Code	930
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 Psb (W) <	1.0
Flicker metric (Pst 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 - 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



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LIGHT DISTRIBUTION

