

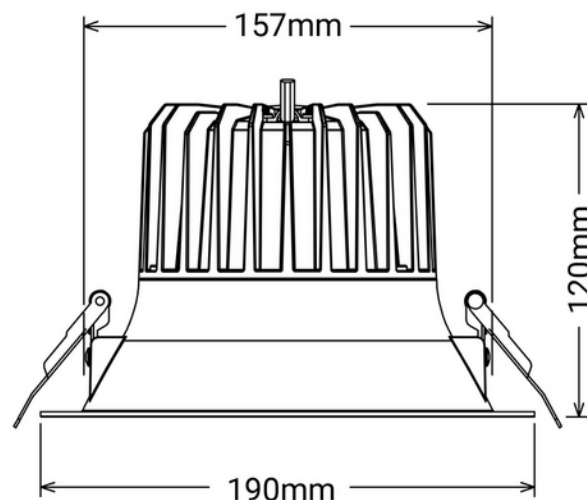
**PRODUCT DATA SHEET**

NDL190-B 2100lm 18W 930 60° WH IP44 Ø160-175mm w/o driver

Art.no: 102791-2-60-3

NORLUX®*Lighting Solutions*

160-170mm



NDL190-B 2100lm 18W 930 60° WH IP44 Ø160-175mm w/o driver

**ELECTRICAL DATA**

Protection Class (system)	2
Dimming (system)	DALI2
Voltage (system) [V]	230V 50Hz
Emergency light (h)	No Emergency light
Emergency light testing	N/A

TECHNICAL DATA

IK (system)	IK06
IP (system)	IP44
IP Front/Back (system)	IP44/20
Outdoor	No
Operating temperature (°C)	-20 - 45

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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)	No driver
Flicker-free	Yes

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	White
RAL Code	RAL9016
Corrosion Class	C1
Housing Material	Aluminium
Diffuser Material	Aluminium 6063

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*Lighting Solutions***INSTALLATION AND CONNECTION**

Areas of use	Hotel, Office, Shop
Mounting	Recessed, Ceiling
Connection (system)	EPN0024

ENERGY AND CERTIFICATIONS

Energy Class EPREL	E
CE mark	Yes