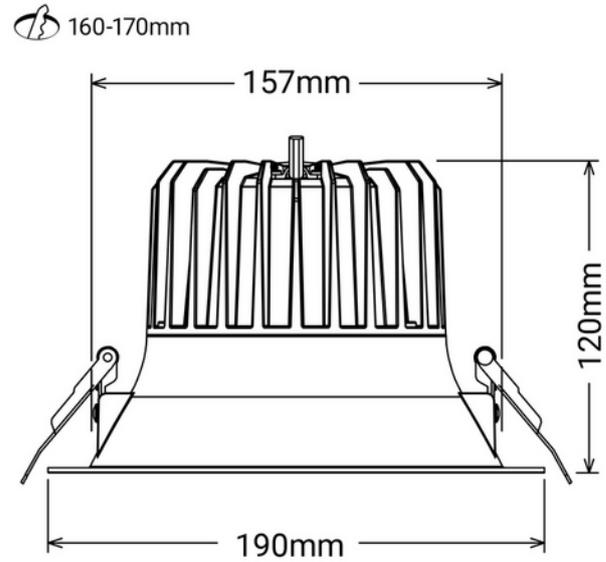


**PRODUCT DATA SHEET**

NDL190-B 2300lm 18W 940 60° BK IP44 Ø160-175mm w/o driver

Art.no: 102792-2-60-2

*Lighting Solutions*

NDL190-B 2300lm 18W 940 60° BK IP44 Ø160-175mm w/o driver



ELECTRICAL DATA	
Protection Class (system)	2
Dimming (system)	Depending on Driver
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)	115
CRI / Ra (>=)	90
CCT (Color Temperature) (K)	4000
Color Code	940
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	Black
RAL Code	RAL9005
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