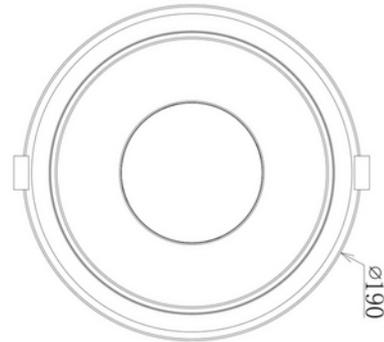
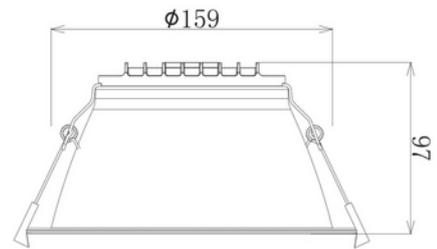


**PRODUCT DATA SHEET**

NDL190-A 3300lm 930/940 60° 25W BK Ø160-175 w/o driver

Art.no: 103271-60-2

*Lighting Solutions*

NDL190-A 3300lm 930/940 60° 25W BK Ø160-175 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)	IK03
IP (system)	IP54
IP Front/Back (system)	IP54/20
Outdoor	No
Operating temperature (°C)	-20 - 45

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NDL190-A 3300lm 930/940 60° 25W BK Ø160-175 w/o driver

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PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	126
CRI / Ra (>=)	90
CCT (Color Temperature) (K)	3000-4000K
Preset CCT if switch(Color Temperature) (K)	3000
Color Code	930/940
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Frosted
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	3
UGR (<=)	19
Manufacturer (light source)	Hong Li Zhi Hui Group Co., Ltd
Forward Current LED (min-max) (mA)	600 - 600
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)	99.0
Weight (product) (kg)	0.52
Diameter (product) (mm)	190.0

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL9005
Corrosion Class	C1
Housing Material	Aluminium
Diffuser Material	Aluminium

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NDL190-A 3300lm 930/940 60° 25W BK Ø160-175 w/o driver

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*Lighting Solutions*

INSTALLATION AND CONNECTION	
Areas of use	Generally
Mounting	Recessed
Connection (system)	EPN0024

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	E
CE mark	Yes

LIGHT DISTRIBUTION