

**PRODUCT DATA SHEET**

Benu NWC 5400lm 930/40 110°/80° 50W BK 1205mm 3m 18i3  
 Art.no: 3730-NW-110-2

*Lighting Solutions*

## Benu NWC 5400lm 930/40 110°/80° 50W BK 1205mm 3m 18i3



Benu is a linear LED luminaire with up- and down light for pending down in indoor areas. UGR<19 and dimmable by pulling the rope. 18i3 connection, 3000mm wire and t-profile bracket are included.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	1-10V
Voltage (system) [V]	230V 50Hz
Lightsource Max. Power (W) if Socket	50
Emergency light (h)	No Emergency light
Emergency light testing	N/A

TECHNICAL DATA	
IK (system)	IK02
IP (system)	IP20

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TECHNICAL DATA	
Outdoor	No
Operating temperature (°C)	-25 - 45

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	108
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)	Micropris.
Lifetime (h)	L80: 100 000
MacAdam (SDCM)	3
UGR (<=)	19
Manufacturer (light source)	Edison
Forward Current LED (min-max) (mA)	200 - null
Forward Voltage LED (max tp=25) (V)	3.3
Driftspenning LED (min tp=65) (V)	2.9

DRIVER	
Manufacturer (driver)	Boke
Protection Class (driver)	1
Standby power Psb (W) <	0.5
Flicker metric (Pst LM) <	0.003
Stroboscopic effect metric (SVM) <	0.0
Max Output Voltage (V)	38
Dimming (driver)	1-10V
Dimming Minimum Level (%)	1.0
Dimming output type	Amplitude Modulation
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Flicker-free	Yes
Max Switching Cycles	50000
Constant current or voltage (CC or CV)	CC

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DRIVER	
CC (driver) [mA]	1200 - 1650
Current setting (driver)	DIP-switch
CC (forward voltage driver) (V)	12.0 - 38.0
Output Current Tolerance (%)	2.0
Current Ripple (%)	2.0
Max load pr circuit - B10	26
Max load pr circuit - B16	41
Max load pr circuit - C10	26
Max load pr circuit - C16	41
Max load pr circuit - C20	51
Max load pr circuit - C25	64
Max load pr circuit - C32	80
Leakage current (mA)	0.64
Inrush current time (µs)	156.0
Inrush current I <sub>max</sub> (A)	9.63

CONTROL SYSTEM	
Norlux Wireless Connect	Implemented
Mesh	Yes
System	NWC

DIMENSIONS	
Length (product) (mm)	1205.0
Width (product) (mm)	44.0
Height (product) (mm)	72.0
Weight (product) (kg)	5.1

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL7021
Surface treatment	Powdercoated
Housing Material	Aluminium
Housing Material %	81.76
Diffuser Material	PMMA
Diffuser Material%	3.0

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MATERIALS AND SURFACES	
Recycled Plastic %	0.0
Recycled Aluminium %	3.0
Material 2%	2.0
Material 3%	3.0
Material 4%	5.0
Material 5%	2.0

INSTALLATION AND CONNECTION	
Areas of use	Office
Mounting	Suspended, Ceiling, Pendant
Connection (system)	18i3 Quick connection

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	F
CE mark	Yes
EPD number	NEPD-14346-14753

**LIGHT DISTRIBUTION**