

**PRODUCT DATA SHEET**

Benu Slim 7800lm 930 140°/90° 50W WH DALI 18i5

Art.no: 102521-140-3-ddd

*Lighting Solutions*

## Benu Slim 7800lm 930 140°/90° 50W WH DALI 18i5



Benu Slim is ideal for offices, meeting rooms, and other workspaces that require good lighting. With an impressive color rendering index (CRI) of 90 and a warm color temperature of 3000K, this LED luminaire creates a comfortable atmosphere. With a luminous flux of 7800lm and an efficiency of 138 lm/W, it provides powerful and energy-efficient lighting. The product has a length of 1200mm, width of 35mm, height of 70mm, and an IP rating of IP20, making it suitable for office spaces.

ELECTRICAL DATA	
Protection Class (system)	2
Dimming (system)	DALI2
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IK (system)	IK02
IP (system)	IP20
IP Front/Back (system)	IP20/20
Outdoor	No

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TECHNICAL DATA	
Operating temperature (°C)	-20 - 40
Through-wiring (mm <sup>2</sup> )	5x0,75

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	145
CRI / Ra (>=)	90
CCT (Color Temperature) (K)	3000
Color Code	930
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Micropris.
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	3
UGR (<=)	19
Manufacturer (light source)	Shenzhen leadopto Technology Co.Ltd
Forward Current LED (min-max) (mA)	10 - 350
Forward Voltage LED (max tp=25) (V)	3.0
Driftspenning LED (min tp=65) (V)	2.5

DRIVER	
Manufacturer (driver)	Boke
Protection Class (driver)	1
Standby power P <sub>sb</sub> (W) <	0.5
Flicker metric (P <sub>st</sub> LM) <	0.003
Stroboscopic effect metric (SVM) <	0.006
Max Output Voltage (V)	42
Dimming (driver)	DALI2, Push
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
CC (driver) [mA]	550 - 1300

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DRIVER	
Current setting (driver)	DALI-2, DIP-switch
Surge Protection	L-N = 2KV
Max load pr circuit - B10	28
Max load pr circuit - B16	45
Max load pr circuit - C10	28
Max load pr circuit - C16	45
Max load pr circuit - C20	56
Max load pr circuit - C25	70
Leakage current (mA)	0.7
Inrush current time (µs)	162.0
Inrush current I <sub>max</sub> (A)	4.75

DIMENSIONS	
Length (product) (mm)	1206.0
Width (product) (mm)	35.0
Height (product) (mm)	70.0
Weight (product) (kg)	2.0

MATERIALS AND SURFACES	
Color	White
RAL Code	RAL9016
Housing Material	Aluminium 6063
Diffuser Material	PMMA

INSTALLATION AND CONNECTION	
Areas of use	Office
Mounting	Suspended, Ceiling, Pendant
Connection (system)	18i5 DALI Quick connection

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	E
CE mark	Yes
Energy Efficiency Class	E



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**LIGHT DISTRIBUTION**

