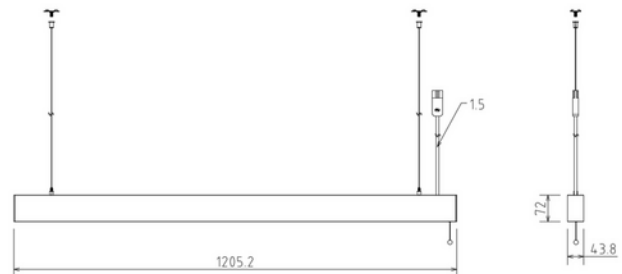


**PRODUCT DATA SHEET**

Benu 6700lm 830 110°/75° 50W WH Pull Switchdim PIR/DL 18i3

Art.no: 3730-S-110-3

*Lighting Solutions*

## Benu 6700lm 830 110°/75° 50W WH Pull Switchdim PIR/DL 18i3



Benu is a linear LED luminaire with up- and down light for pending down in indoor areas. With motion and daylight sensor. If presence isn't detected, lamp brightness reduces to 30% after 30 minutes, after another 30 minutes the lamp switched switches off. When motion is detected, lamp will switch on. Daylight sensor will adjust lux throughout the day based on standard lux. See installation manual for detailed information. UGR<19 and dimmable by pulling the rope. 18i3 connection, 3m transparent wire and t-profile bracket are included

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	Pull Dim
Voltage (system) [V]	230V 50Hz

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

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TECHNICAL DATA	
Product Family	Benu Office Sensor
Outdoor	No
Operating temperature (°C)	-25 - 45

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	134
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000
Color Code	830
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)	Pull Dim
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]	850 - 1300
CC (forward voltage driver) (V)	12.0 - 38.0
Output Current Tolerance (%)	2.0
Current Ripple (%)	2.0
Max load pr circuit - B10	32
Max load pr circuit - B16	52
Max load pr circuit - C10	32
Max load pr circuit - C16	52
Max load pr circuit - C20	65
Max load pr circuit - C25	81
Leakage current (mA)	0.52
Inrush current time (µs)	152.0
Inrush current I <sub>max</sub> (A)	6.95

DIMENSIONS	
Length (product) (mm)	1205.0
Width (product) (mm)	44.0
Height (product) (mm)	72.0
Weight (product) (kg)	2.5

MATERIALS AND SURFACES	
Color	White
RAL Code	RAL9003
Housing Material	Aluminium
Diffuser Material	PMMA

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

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	E
CE mark	Yes



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**LIGHT DISTRIBUTION**

