



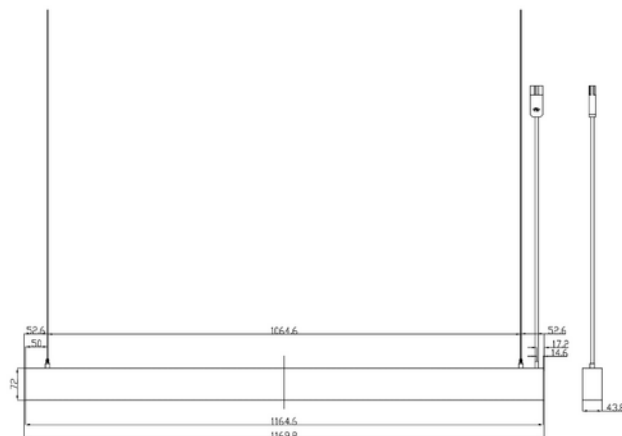
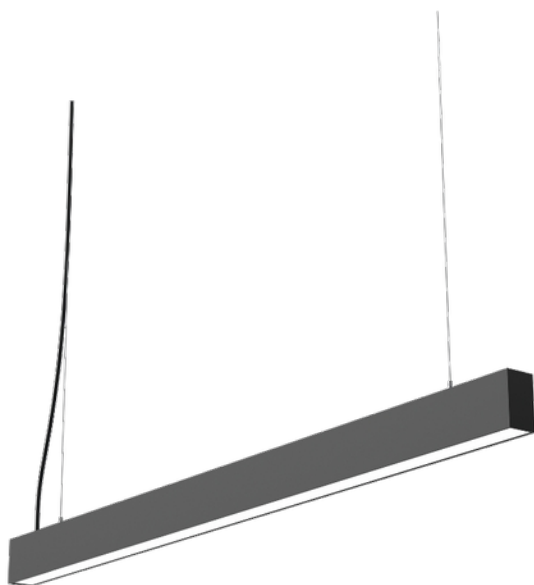
PRODUCT DATA SHEET

Benu 6700lm 830 110°/75° 50W BK DALI 18i5

Art.no: 3730-110-2-ddd



Lighting Solutions



Benu 6700lm 830 110°/75° 50W BK DALI 18i5



Benu is a linear LED luminaire with up- and down light for pending down in indoor areas. UGR<19 and DALI2. 18i5 connection, 1500mm transparent wire and T-profile bracket are included.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	DALI2
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IK (system)	IK02
IP (system)	IP20
Outdoor	No
Operating temperature (°C)	-25 - 45

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PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	134
CRI / Ra ($\geq$)	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 ($\leq$)	19
Manufacturer (light source)	Edison
Forward Current LED (min-max) (mA)	200 - null
Forward Voltage LED (max $t_p=25$) (V)	3.3
Driftspenning LED (min $t_p=65$) (V)	2.9

DRIVER	
Manufacturer (driver)	Boke
Protection Class (driver)	1
Standby power P_{sb} (W) <	0.5
Flicker metric (P_{st} LM) <	0.009
Stroboscopic effect metric (SVM) <	0.003
Max Output Voltage (V)	38
Dimming (driver)	DALI2
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
Current setting (driver)	DIP-switch
CC (forward voltage driver) (V)	6.0 - 38.0
Output Current Tolerance (%)	2.0
Current Ripple (%)	2.0

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DRIVER	
Max load pr circuit - B10	33
Max load pr circuit - B16	52
Max load pr circuit - C10	33
Max load pr circuit - C16	52
Max load pr circuit - C20	65
Max load pr circuit - C25	81
Leakage current (mA)	0.38
Inrush current time (µs)	162.0
Inrush current I _{max} (A)	9.5

DIMENSIONS	
Length (product) (mm)	1170.0
Width (product) (mm)	44.0
Height (product) (mm)	72.0
Weight (product) (kg)	2.5

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL7021
Housing Material	Aluminium
Diffuser Material	PMMA

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

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	E
CE mark	Yes



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LIGHT DISTRIBUTION

