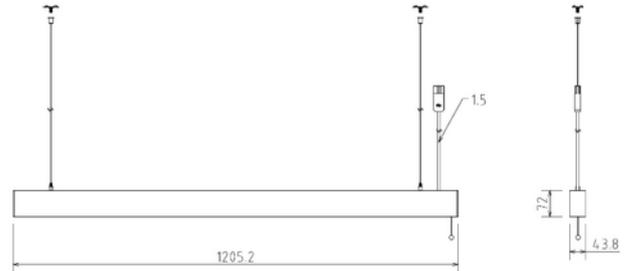


**PRODUCT DATA SHEET**

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

*Lighting Solutions*

## Benu NWC 5400lm 930/40 110°/80° 50W WH 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, 1500mm 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                  | White        |
| RAL Code               | RAL9003      |
| 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**