

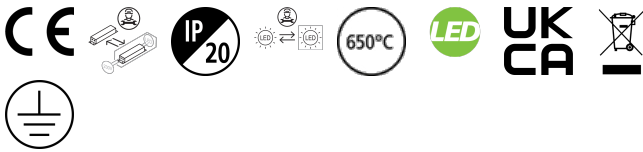
## Nephos V2

NEPHOS 600 LED V2 BLK WW EB  
3097945



### Product features

- High-end decorative 600mm diameter warm white LED pendant with a curved design and diffused (direct) light that provides a soft and ambient lighting effect, finished in a gloss black finish, 2031LM, 24W, 85lm/W, 3000K, Driver Current 700mA, CRI85, non-dimmable, IP20, 50,000hrs (L70)



### PRODUCT OVERVIEW

|                             |                             |
|-----------------------------|-----------------------------|
| Product name                | NEPHOS 600 LED V2 BLK WW EB |
| Technology                  | LED                         |
| Housing                     | Aluminium                   |
| Mount                       | Suspended                   |
| Environment                 | Internal                    |
| General application         | Hospitality, Retail         |
| ETIM Class                  | EC001743                    |
| E-number FI                 | 4271189                     |
| Warranty                    | 5 years                     |
| Fixture luminous flux (lm)  | 2031                        |
| Luminaire efficacy (lm/W)   | 85                          |
| LOR (%)                     | 100                         |
| Colour temperature (K)      | 3000                        |
| Light colour                | Warm White                  |
| CRI (Ra)                    | 85                          |
| Colour Consistency (SDCM)   | 5                           |
| Glare control               | < 20                        |
| Photobiological Risk Group  | RG1                         |
| Total power consumption (W) | 24                          |
| Electrical protection       | Class I                     |
| Control gear type           | Electronic ballast          |
| Housing colour              | Black                       |
| IP rating                   | IP20                        |
| Product EAN number          | 8711971979456               |

### DATA TABLE

#### General data

|              |                             |
|--------------|-----------------------------|
| Product name | NEPHOS 600 LED V2 BLK WW EB |
| Technology   | LED                         |
| Housing      | Aluminium                   |
| Mount        | Suspended                   |

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|   |                     |
|---|---------------------|
| Environment                             | Internal            |
| General application                     | Hospitality, Retail |
| Performance ambient temperature Tq (°C) | 25                  |
| ETIM Class                              | EC001743            |
| E-number FI                             | 4271189             |
| Warranty                                | 5 years             |

### Optical data

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 2031       |
| Luminaire efficacy (lm/W)  | 85         |
| LOR (%)                    | 100        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 85         |
| Colour Consistency (SDCM)  | 5          |
| Adjustable chromaticity    | N          |
| Glare control              | < 20       |
| Photobiological Risk Group | RG1        |

### Electrical data

|  |                    |
|--|--------------------|
| Total power consumption (W)                              | 24                 |
| Mains voltage (V)  | 220-240V~          |
| Lamp power factor  | 0.95               |
| Electrical protection                                    | Class I            |
| Control gear type  | Electronic ballast |
| Transformer required                                     | Yes                |
| Drive current (mA)                                       | 700                |
| Inrush Current (A)                                       | 25                 |
| Inrush Duration (µs)                                     | 200                |
| Glow Wire Test (°C)                                      | 650                |
| Energy Efficiency Class (A->G) of contained light source | E                  |
| Max. Luminaires per 16A C Breaker                        | 80                 |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B50 | 112500 |
| Lifespan L90 B50 | 53500  |

### Physical data

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | Black            |
| IP rating                     | IP20             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Reflector finish              | Other            |
| Nominal Product Height (mm)   | 200              |
| Nominal Product Diameter (mm) | 600              |
| Max. Lamp Diameter (mm) - D   | 600              |
| Weight (kg)                   | 4.8              |

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### Packaging

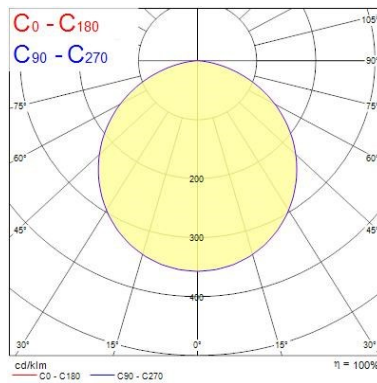
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 8711971979456  |
| Packaging single length / height (cm) | 63.0           |
| Packaging single width (cm)           | 62.0           |
| Packaging single depth (cm)           | 28.0           |
| DUN14 (outer)                         | 08711971979456 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 63.0           |
| Packaging outer width (cm)            | 62.0           |
| Packaging outer depth (cm)            | 28.0           |

### PHOTOMETRY

|     |      |                |       |             |
|-----|------|----------------|-------|-------------|
| 0.5 | 1.47 | E10°<br>E1(C0) | 55.7° | 2002<br>290 |
| 1.0 | 2.93 | E10°<br>E1(C0) | 55.7° | 725<br>85   |
| 1.5 | 4.40 | E10°<br>E1(C0) | 55.7° | 332<br>29   |
| 2.0 | 5.86 | E10°<br>E1(C0) | 55.7° | 181<br>16   |
| 2.5 | 7.33 | E10°<br>E1(C0) | 55.7° | 118<br>10   |
| 3.0 | 8.80 | E10°<br>E1(C0) | 55.7° | 81<br>7     |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 111.4°)



### TECHNICAL DRAWINGS

