



**NBB Bohemia s.r.o.**

Výroba a prodej osvětlovací techniky, Sídliště 693, 407 22 Benešov nad Ploučnicí



## Product Data Sheet

LED závěsné světlo P03

**Led drop light P03-42-  
4090-60-WH**



Order number

**253467035**

Unit EAN13 code

**8595209969934**

### General information

Model/Description	<b>LED svítidlo</b>
Finish	<b>Závěsné</b>
Brand/Manufacturer	<b>GRACION</b>
Nominal service life (h)	<b>50000 h</b>
Degree of protection (IP)	<b>IP20</b>
Dimmable	<b>Ne</b>
Lamp type	<b>LED</b>
Electrical connection with connector system	<b>Ano</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP20</b>
Suitable for number of lamps	<b>1</b>
Suitable for ceiling mounting	<b>Ano</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>Led drop light P03-42-4090-60-WH</b>

### Electrical characteristics

Nominal wattage	<b>42 W</b>
Rated power (W)	<b>42 W</b>
Operating voltage (V)	<b>100 - 240 V</b>
Type of Voltage	<b>AC</b>
Lowest permitted operating voltage (V)	<b>220 V</b>
Lamp power	<b>42 W</b>
Voltage type	<b>AC</b>
System power	<b>42 W</b>

### Working conditions

Integrated driver	Ne
Light source is part of the fixture	Ano
Maximum permitted storage temperature	80 °C
Burning position	Vertikální
Application	Všeobecné osvětlování
Type of control gear	LED driver CC
Suitable for frequent switching	Ano
Ambient temperature	-20/+40 °C
Fire resistance "F"	Ano
Suspension supplied with the product	Ano
Fit for monitor workplace	Ano
Driver included	Ano

### Physical characteristics

Dimensions (mm)	Ø275 x 282 mm
Packing method	1
Outer diameter	275 mm
Reflector	Matný
Height	282 mm
Colour housing	Bílá
Material housing	Aluminium
Type of surface	Matný
Number of LEDs	1

### EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminescence Life maintenance factor	80 %
Factor of functional reliability (LSF) after nom. life	50 %
Number of maximal switching cycles	>250000
The rate of premature failures	<1 %
Colour difference	90 %
Rated service life	50000 h
Energy consumption (AGGR)	42 kWh/1000h
Turn-on time	<0,2 s

### Additional information

With lamp	Ano
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### Lighting characteristics

Light Colour	chladná bílá
Wavelength range	400 - 800 nm
Luminous flux	4550 lm
Colour temperature	4000 K
Radiation angle	60 °
Colour rendering index CRI	90 Ra

Colour of light	940
Anti-glare limiting UGR lengthwise	19
Anti-glare limiting UGR crosswise	19
Light outlet	Přímé
Light sharing	Symetrické
Radiation angle	Široký úhel 41-80°
Colour temperature	3900 - 4200 K
Effective luminous flux	4550 lm
Colour	Bílá
Beam angle Degrees (°)	60 °

#### Safety information

Insulation class	Třída II
Safety instructions	<a href="http://www.nbb.cz">www.nbb.cz</a>
Protection class	Ochranným vodičem

#### Energetic characteristics

Lamp Power factor (PF)	0,99
Rated efficiency after 100h	99,99 %
Lamp efficacy	108,33 lm/W

#### Popis

**NBB Bohemia s.r.o., Sídliště 693, 407 22 Benešov nad Ploučnicí**  
<https://www.nbb.cz/en/> | [hotmail@nbb.cz](mailto:hotmail@nbb.cz)

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