



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

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



## Product Data Sheet

Zářivkové svítidlo vestavné

# EMILIA 418 EVG V-OPAL IP40



Order number

**910379020**

Unit EAN13 code

**8595209921093**

### General information

|   |   |
|---|---|
| Model/Description                           | <b>Zářivkové svítidlo</b>                       |
| Finish                                      | <b>Vestavné</b>                                 |
| Brand/Manufacturer                          | <b>NBB</b>                                      |
| Material                                    | <b>Body steel 0,5mm/Louver aluminium 0,3 mm</b> |
| Lamp type                                   | <b>T8</b>                                       |
| Nominal service life (h)                    | <b>50000 h</b>                                  |
| Degree of protection (IP)                   | <b>IP40</b>                                     |
| Dimmable                                    | <b>Ne</b>                                       |
| Built-in depth                              | <b>100 mm</b>                                   |
| Lamp type                                   | <b>Zářivka T8 (26mm)</b>                        |
| Type of luminaire                           | <b>Svítidlo s krytem</b>                        |
| Electrical connection with connector system | <b>Ne</b>                                       |
| Nominal voltage (V)                         | <b>230 - 240 V</b>                              |
| Degree of protection (IP)                   | <b>IP20</b>                                     |
| Suitable for number of lamps                | <b>4</b>  |
| Control gear included                       | <b>Ne</b>                                       |
| Dimmable by conventional dimmers            | <b>Ne</b>                                       |
| Název položky                               | <b>EMILIA 418 EVG V-OPAL IP40</b>               |

### Electrical characteristics

|  |                    |
|--|--------------------|
| Nominal wattage                        | <b>4 x 18 W</b>    |
| Rated power (W)                        | <b>72 W</b>        |
| Operating voltage (V)                  | <b>198 - 264 V</b> |
| Type of Voltage                        | <b>AC</b>          |
| Lowest permitted operating voltage (V) | <b>198 V</b>       |

|                                 |                       |
|---------------------------------|-----------------------|
| Direct connection to the mains  | Ano                   |
| Lamp power                      | 18 W                  |
| Circuit                         | Paralelně-kompenzační |
| Voltage type                    | AC/DC                 |
| Ignitor                         | Není požadován        |
| Lamp power at multiwatt         | Ostatní               |
| Nominal current (A)             | 0,31 A                |
| Total power (W) (light fitting) | 72,0 W                |

#### Working conditions

|  |                            |
|--|----------------------------|
| Output frequency of ballast (driver)           | 40 kHz                     |
| Operating frequency                            | 50 - 60 Hz                 |
| Ambiente temperature for max. luminous flux    | 25 °C                      |
| Hot restart                                    | Ano                        |
| Protection against damage during power failure | Ano                        |
| Protection against overvoltage                 | Ano                        |
| Burning position                               | Libovolná                  |
| Installation height (m)                        | 2 - 5 m                    |
| Application                                    | Všeobecné osvětlování      |
| Suitable for through-wiring                    | Ne                         |
| Lamp holder type                               | G13                        |
| Type of control gear                           | Elektronický nestmívatelný |
| Ambient temperature                            | -10/+40 °C                 |
| Suitable for light line configuration          | Ne                         |
| Suitable for emergency lighting                | Ne                         |
| Suitable for wall build in                     | Ne                         |
| Fire resistance "D"                            | Ano                        |
| Fire resistance "F"                            | Ano                        |
| Fit for monitor workplace                      | Ano                        |

#### Mounting methods/application

|                                 |  |
|---------------------------------|--|
| Mounting method                 | Do minerálních podhledů a sádrokartonu |
| Dimensions of installation hole | 600 x 600 mm                           |

#### Physical characteristics

|                     |                   |
|---------------------|-------------------|
| Numbers of ballasts | 1                 |
| Finish diffuzor     | Opálový kryt      |
| Type of connector   | 3P                |
| Dimensions (mm)     | 595 x 595 x 80 mm |
| Packing method      | 1                 |
| Weight gross        | 4290 g            |
| Back reflector      | Ne                |
| Width               | 600 mm            |
| Colour housing      | Bílá              |
| Weight netto        | 3890 g            |
| Built-in width      | 600 mm            |
| Ball-proof          | Ne                |
| Length              | 595 mm            |

|                                 |               |
|---------------------------------|---------------|
| Height/depth (mm)               | 80 mm         |
| Material housing                | Ocelový plech |
| Built-in length                 | 600 mm        |
| Colour cover                    | Bílá          |
| Material cover                  | Opálový plast |
| Impact strength                 | IK06          |
| Power cable with quick coupling | Ne            |
| Type of surface                 | Lesklý        |
| Diameter lamp                   | 26 mm         |
| Swivelling model                | Ne            |
| Grid perforated                 | Ne            |
| Reflector perforated            | Ne            |

#### **EuP Parameters**

|  |         |
|--|---------|
| Average Lifetime B50 (h)                               | 50000 h |
| Factor of functional reliability (LSF) after nom. life | 50 %    |
| Number of maximal switching cycles                     | 50000   |
| The rate of premature failures                         | <1 %    |

#### **Additional information**

|           |    |
|-----------|----|
| With lamp | Ne |
|-----------|----|

#### **Lighting characteristics**

|   |            |
|---|------------|
| Anti-glare limiting UGR lengthwise                  | 19         |
| Anti-glare limiting UGR crosswise                   | 19         |
| Direct-/indirect proportion separately controllable | Ano        |
| Colour controllable (RGB)                           | Ne         |
| Colour temperature controllable                     | Ne         |
| Light outlet  | Přímé      |
| Light sharing                                       | Symetrické |

#### **Safety information**

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

#### **Energetic characteristics**

|                         |      |
|-------------------------|------|
| Energy Efficiency Index | A2   |
| Lamp Power factor (PF)  | 0,98 |

#### **Exclusion of liability**

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#### **Notice**

This product ranks among electrotechnical products powered by mains voltage 230-240V. For safety reasons, it is recommended that the assembly, connection or disassembly be carried out by a person with an appropriate electrotechnical qualification. Please note that the product may only be put into service with original covers, otherwise there may be a risk of electric shock, especially from the terminal block. Only use the product in places that are suitable for this purpose; do not use products intended for indoor use only in the outdoor environment. When installing or dismantling an emergency luminaire, we

recommend disconnecting the power supply otherwise there may be a risk of electric shock. Observe the prescribed position when operating the product and how it is attached. Only connect the product to the rated voltage, or load it only to the maximum permitted power. Install only light sources for this type of luminaire. The manufacturer can not be held responsible for damages resulting from inappropriate connection, connection to an unsuitable distribution system, or damage resulting from the use of an unsuitable light source. Observe the operating values on the label. Do not expose the product to inappropriate weathering or high temperatures unless it is expressly stated that the product is intended to be operated under these conditions. When installing, wiring or disassembling, follow the generally accepted safety precautions.

**NOTICE:**

The emergency luminaire is energized even after disconnecting the power supply due to its own charged batteries. Therefore, it is recommended that the installation and disassembly be carried out only by a person with the appropriate electrotechnical qualifications.

Do not throw the emergency luminaire into the mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also deliver the used luminaires for recycling at our sales outlets. Emergency lights and modules contain a rechargeable battery. You can find the list of collection points on the Retel and Ekolamp Collective Systems pages.

**Popis**

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