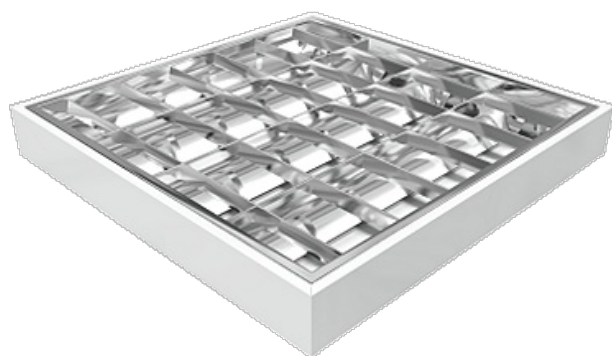




**NBB Bohemia s.r.o.**

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



## Product Data Sheet

Zářivkové svítidlo přisazené

# VIOLA 418 EVG PAR EM3h IP20

Order number

**910396238**

Unit EAN13 code

**8595209949271**



### General information

Model/Description	<b>Zářivkové svítidlo</b>
Finish	<b>Kancelářské s leštěnou mřížkou a nouzovým modulem 1h</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>IP20</b>
Dimmable	<b>Ne</b>
Autonomy	<b>3 h</b>
Suitable for suspended mounting	<b>Ano</b>
Lamp type	<b>Zářivka T8 (26mm)</b>
Type of luminaire	<b>Mřížkové svítidlo</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP20</b>
Suitable for number of lamps	<b>4</b>
Suitable for wall mounting	<b>Ne</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>VIOLA 418 EVG PAR EM3h IP20</b>
Typ nouzového provozu	<b>Trvalý</b>

### Electrical characteristics

Nominal wattage	<b>4 x 18 W</b>
Rated power (W)	<b>4 x 18,0 W</b>
Operating voltage (V)	<b>198 - 264 V</b>
Endurance	<b>320 V</b>

Type of Voltage	AC
Voltage battery	6 V
Lamp power	72 W
Circuit	Paralelně-kompenzační
Voltage type	AC/DC
Lamp power at multiwatt	Ostatní
Nominal current (A)	0,33 A
Total power (W) (light fitting)	72,0 W

#### Working conditions

Battery Life	1000 cyklů
Average lifetime of the ballast (h)	50000 h
Output frequency of ballast (driver)	40 kHz
Operating frequency	50 - 60 Hz
Battery type	NiCD
Battery capacity	4500 mAh
Light source is part of the fixture	Ne
Permanent connection to mains supply	Ano
Hot restart	Ano
Protection against damage during power failure	Ano
Protection against overvoltage	Ano
Burning position	Horizontální
Installation height (m)	3 - 5 m
Installation on flammable surfaces	Ano
Application	Všeobecné osvětlování
Lamp holder type	G13
Type of control gear	Elektronický nestmívatelný
Ambient temperature	-20/+40 °C
Suitable for light line configuration	Ano
Suitable for emergency lighting	Ano
Fire resistance "D"	Ano
Fire resistance "F"	Ano
Fit for monitor workplace	Ano
Direct-/indirect proportion separately switchable	Ano

#### Mounting methods/application

Mounting method	Přisazené
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#### Physical characteristics

Number of lamella	12
Numbers of ballasts	1
Type of connector	3P
Dimensions (mm)	610 x 595 x 85 mm
Packing method	1
Back reflector	Ne
Width	595 mm
Reflector	Vysoce leštěný
Colour housing	Bílá

Weight netto	4840 g
Type of grid	Vysoce leštěná
With socket outlet	Ne
With switch	Ne
Ball-proof	Ne
Length	610 mm
Height/depth (mm)	85 mm
Material housing	Ocelový plech
Material of grid	Aluminium
Impact strength	IK06
Power cable with quick coupling	Ne
Type of surface	Lesklý
Grid perforated	Ne
Reflector perforated	Ne

#### EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminaire maintenance factor	1,0
Number of maximal switching cycles	50000
The rate of premature failures	<1 %

#### Additional information

With lamp	Ne
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#### Lighting characteristics

Anti-glare limiting UGR lengthwise	20
Anti-glare limiting UGR crosswise	20
Direct-/indirect proportion separately controllable	Ano
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

Lamp Power factor (PF)	0,98
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#### Exclusion of liability

Changes to data are subject to prior notice. NBB Bohemia s.r.o. accepts no responsibility for damages caused by inaccurate interpretation of the content on this site.

#### 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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