



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

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

## Product Data Sheet

Zářivkové svítidlo přisazené s nouzovým modulem

**ELLIS T5 228 V-PAR EM1h IP20**



Order number

**910452210**

Unit EAN13 code

**8595209925503**

### General information

Model/Description	<b>Zářivkové svítidlo</b>
Finish	<b>S leštěnou mřížkou</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>Body steel 0,5mm/Louver aluminium 0,3 mm</b>
Lamp type	<b>T5</b>
Degree of protection (IP)	<b>IP20</b>
Dimmable	<b>Ne</b>
Autonomy	<b>1 h</b>
Suitable for suspended mounting	<b>Ano</b>
Lamp type	<b>Zářivka T5 (16mm)</b>
Type of luminaire	<b>Mřížkové svítidlo</b>
Electrical connection with connector system	<b>Ne</b>
Nominal voltage (V)	<b>228 V</b>
Degree of protection (IP)	<b>IP20</b>
Suitable for number of lamps	<b>2</b>
Suitable for wall mounting	<b>Ne</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>ELLIS T5 228 V-PAR EM1h IP20</b>
Typ nouzového provozu	<b>Trvalý</b>

### Electrical characteristics

Nominal wattage	<b>2 x 28 W</b>
Rated power (W)	<b>2 x 28,0 W</b>
Operating voltage (V)	<b>228 V</b>
Endurance	<b>228 V</b>

Type of Voltage	AC
Voltage battery	6 V
Lamp power	28 W
Circuit	Paralelně-kompenzační
Voltage type	AC
Ignitor	Není požadován
Lamp power at multiwatt	Ostatní
Nominal current (A)	0,29 A
Total power (W) (light fitting)	56 W

#### Working conditions

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	1500 mAh
Ambiente temperature for max. luminous flux	25 °C
Hot restart	Ano
Protection against damage during power failure	Ano
Protection against overvoltage	Ano
Installation height (m)	2 - 5 m
Application	Všeobecné osvětlování
Suitable for through-wiring	Ne
Lamp holder type	G5
Type of control gear	Elektronický nestmívatelný
Ambient temperature	0/+30 °C
Suitable for light line configuration	Ne
Suitable for emergency lighting	Ano
Suitable for wall build in	Ne
Fire resistance "D"	Ano
Fire resistance "F"	Ano
Fire resistance "FF"	Ano
Fit for monitor workplace	Ano
Direct-/indirect proportion separately switchable	Ano

#### Mounting methods/application

Mounting method	Přisazené
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#### Physical characteristics

Numbers of ballasts	1
Type of connector	3P clip terminal
Dimensions (mm)	1195 x 255 x 55 mm
Packing method	1
Type of grille	V-PAR
Width	255 mm
Reflector	Vysoce leštěný
Colour housing	Bílá
Weight netto	3700 g

Type of grid	Vysoce leštěná
With switch	Ne
Ball-proof	Ne
Length	1195 mm
Height/depth (mm)	55 mm
Material housing	Ocelový plech
Material of grid	Aluminium
Impact strength	IK06
Power cable with quick coupling	Ne
Type of surface	Lesklý
Diameter lamp	16 mm
Swivelling model	Ne
Grid perforated	Ne
Reflector perforated	Ne

#### EuP Parameters

Average Lifetime B50 (h)	50000 h
Number of maximal switching cycles	50000
The rate of premature failures	<1 %
Rated service life	50000 h

#### Additional information

With lamp	Ne
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#### Lighting characteristics

Number of lighting heads	2
Anti-glare limiting UGR lengthwise	20
Anti-glare limiting UGR crosswise	20
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
Rated efficiency after 100h	99,99 %

#### 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.

#### **If the luminaire contains batteries**

If the luminaire contains rechargeable rechargeable batteries for emergency operation, we provide a 6 months warranty for these batteries from the date of commissioning. This warranty period is valid for both B2C and B2B customers.

#### **Popis**

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