



## Product Data Sheet

Kancelářské zářivkové svítidlo

**TAUR LED-T8 2x22W/840  
G13 RETROFIT 160 lm/W  
PAR IP20**



Order number

**910710003**

Unit EAN13 code

**8595209945655**

### General information

Model/Description	<b>LED svítidlo</b>
Brand/Manufacturer	<b>NBB</b>
Lamp type	<b>LED</b>
Nominal service life (h)	<b>50000 h</b>
Dimmable	<b>Ne</b>
Lamp type	<b>LED</b>
Nominal voltage (V)	<b>230 - 240 V</b>
Degree of protection (IP)	<b>IP20</b>
Suitable for number of lamps	<b>2</b>
Control gear included	<b>Ne</b>
Název položky	<b>TAUR LED-T8 2x22W/840 PAR IP20</b>

### Electrical characteristics

Nominal wattage	<b>2 x 22 W</b>
Rated power (W)	<b>44,0 W</b>
Operating voltage (V)	<b>90 - 240 V</b>
Lamp power	<b>44 W</b>
Circuit	<b>Ostatní</b>
Voltage type	<b>AC</b>
Frequency	<b>50 - 60 Hz</b>
Lamp power at multiwatt	<b>Ostatní</b>
Nominal current (A)	<b>0,50 A</b>
Total power (W) (light fitting)	<b>44 W</b>

### Working conditions

Brand of the light source	<b>NBB</b>
Light source is part of the fixture	<b>Ne</b>
Working temperature of the ballast body -Tc max	<b>70 °C</b>
Hot restart	<b>Ano</b>
Burning position	<b>Horizontální</b>
Installation height (m)	<b>2 - 4 m</b>
Application	<b>Všeobecné osvětlování</b>
Suitable for through-wiring	<b>Ne</b>
Lamp holder type	<b>G13</b>
Ambient temperature	<b>-10/+40 °C</b>
Applicable with movement sensor	<b>Ano</b>
Suitable for light line configuration	<b>Ne</b>
Suitable for emergency lighting	<b>Ne</b>
Fire resistance "D"	<b>Ano</b>
Fire resistance "F"	<b>Ano</b>
Suspension supplied with the product	<b>Ano</b>
Fit for monitor workplace	<b>Ano</b>
Type of dimming	<b>Nestmívatelné</b>
Emergency unit integrated	<b>Ne</b>
Driver included	<b>Ano</b>

### **Physical characteristics**

Numbers of ballasts	<b>1</b>
Dimensions (mm)	<b>1539 x 144 x 114 mm</b>
Packing method	<b>1 - 4</b>
Weight gross	<b>3550 g</b>
Width	<b>144 mm</b>
Reflector	<b>Vysoce leštěný</b>
Height	<b>114 mm</b>
Colour housing	<b>Stříbrná</b>
Weight netto	<b>3170 g</b>
Type of grid	<b>Vysoce leštěná</b>
Length	<b>1539 mm</b>
Material housing	<b>Aluminium</b>
Pendant length	<b>1014 mm</b>
Impact strength	<b>IK06</b>
Type of surface	<b>Matný</b>

### **EuP Parameters**

Average Lifetime B50 (h)	<b>50000 h</b>
Luminescence Life maintenance factor	<b>50 %</b>
Factor of functional reliability (LSF) after nom. life	<b>50 %</b>
Bulb type (size) for which is the luminaire designed.	<b>T8</b>
Number of maximal switching cycles	<b>&gt; 20000</b>
The rate of premature failures	<b>&lt;1 %</b>
Rated service life	<b>50000 h</b>
Equivalent linear fluorescent	<b>58 W</b>

Equivalent compact fluorescent lamps	<b>100 W</b>
Equivalent mercury lamp	<b>125 W</b>
Turn-on time	<b>&lt;1 s</b>
GLS replacement	<b>500 W</b>

#### **Additional information**

With lamp	<b>Ano</b>
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#### **Lighting characteristics**

Color rendering	<b>1B</b>
Light Colour	<b>chladná bílá</b>
Wavelength range	<b>400 - 780 nm</b>
Dominant wavelength	<b>576,7 nm</b>
Colour temperature	<b>4000 K</b>
Colour rendering index CRI	<b>81 Ra</b>
Direct-/indirect proportion separately controllable	<b>Ano</b>
Light outlet	<b>Přímé</b>
Light sharing	<b>Symetrické</b>
Effective luminous flux	<b>5100 lm</b>
Chromaticity coordinates x	<b>0,381</b>
Chromaticity coordinates y	<b>0,386</b>

#### **Safety information**

Insulation class	<b>Třída I</b>
Safety instructions	<b>www.nbb.cz</b>
Protection class	<b>Ochranným vodičem</b>

#### **Environmental characteristics**

Mercury content	<b>0,00 mg</b>
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#### **Energetic characteristics**

Energy Efficiency Index	<b>A2</b>
Lamp Power factor (PF)	<b>0,93</b>
Rated efficiency after 100h	<b>99 %</b>
Lamp efficacy	<b>160 lm/W</b>

#### **Exclusion of liability**

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#### **Notice**

Under the scope of Act 185/2001 Coll. as amended, this product is included in waste group 5 (light sources and luminaires). In view of the harmful effects of mercury on the environment and on human health, the creators of group 5 waste (consumers) are obliged to dispose of used light sources for recycling. Do not throw this product into mixed waste after use. Take it to the nearest store, collection yard, or other designated location for free recycling. You can also dispose of the used products for recycling in our sales outlets or in collection points of collective recycling systems or municipal collection yards. Ecological recycling of waste electrical and electronic equipment is ensured through the RETELA collective system ([www.retela.cz](http://www.retela.cz)).

#### **Notice**

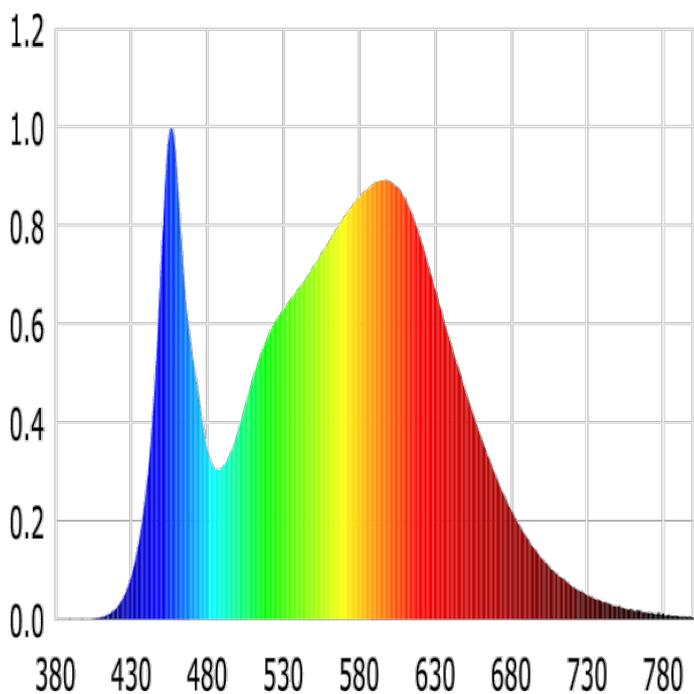
Single LED chip failure, luminous flux deviation +/- 10% as well as chromaticity deviation +/- 150K are in compliance with

applicable standards and are not a reason for complaint.

### Popis

LED light for offices, low glare factor UGR <19, Ra> 80, possibility to add emergency module, suspension installation, replaceable light sources, change of color temperature on demand. Length 1540 mm.

### Technical drawing



**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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