



## Product Data Sheet

Zářivkové svítidlo přisazené

**CLAUDIA LED RETROFIT**  
**230-240V PAR IP20 2x60**  
**cm**



Order number

**910390740**

Unit EAN13 code

**8595209937650**

### General information

Model/Description	<b>Zářivkové svítidlo</b>
Finish	<b>Kancelářské s leštěnou mřížkou a LED trubicemi</b>
Brand/Manufacturer	<b>NBB</b>
Material	<b>Body steel 0,5mm/Louver aluminium 0,3 mm</b>
Lamp type	<b>LQ-L1 T8</b>
Nominal service life (h)	<b>50000 h</b>
Degree of protection (IP)	<b>IP20</b>
Dimmable	<b>Ne</b>
Type of luminaire	<b>Kancelářské</b>
Nominal voltage (V)	<b>230-240 V</b>
Suitable for number of lamps	<b>2</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>236 - 840</b>

### Electrical characteristics

Nominal wattage	<b>2 x 18 W</b>
Rated power (W)	<b>2 x 18,41 W</b>
Operating voltage (V)	<b>198-264 VAC, 176-280 VDC V</b>
Endurance	<b>320 VAC, 1 h V</b>
Type of Voltage	<b>AC/DC</b>
Lowest permitted operating voltage (V)	<b>198 V V</b>
Direct connection to the mains	<b>Ano</b>

### Working conditions

Brand of the light source	<b>NBB</b>
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Output frequency of ballast (driver)	>40 kHz kHz
Operating frequency	50 - 60 Hz
Ambiente temperature for max. luminous flux	25 °C °C
Permanent connection to mains supply	Ano
Hot restart	Ano
Heat protection	Ano
Cooling Type	Vzduchem/Air
Burning position	Universal
Installation height (m)	2,5-5 m m
Installation on flammable surfaces	Ne
Application	Všeobecné osvětlování/General lighting
Ambient temperature	35 °C

#### Mounting methods/application

Mounting method	Přisazené
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#### Physical characteristics

Number of lamella	7
Numbers of ballasts	1
Type of connector	3P
Dimensions (mm)	1280 x 360 x 70 mm
Packing method	1
Type of grille	Parabolická
Back reflector	Ne
Colour housing	Bílá/White
Weight netto	4,200 kg g
Power cable with quick coupling	Ano

#### EuP Parameters

Average Lifetime B50 (h)	50000 h
Average lifetime of the light source (h)	30.000 h. h
Luminaire maintenance factor	1,0
Starting time to 90% of the light flow	<5s (25°C) s
Number of maximal switching cycles	30.000
The rate of premature failures	<1% %
Rated service life	50000 h
Turn-on time	<1s s

#### Lighting characteristics

Type of spectrum	Třípásmové
Color rendering	1B
Light Colour	cool white/chladná bílá
Colour temperature	4000 K
Colour rendering index CRI	>80 Ra8 Ra
Colour of light	840

#### Safety information

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

### Energetic characteristics

Energy Efficiency Index	A2
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

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

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