



NBB Bohemia s.r.o.

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

Product Data Sheet

LED zapuštěné světlo R49

**Led recessed light R49-
108-3090-45-WH**



Order number

253464565

Unit EAN13 code

8595209964991

General information

Model/Description	LED svítidlo
Finish	Vestavné
Brand/Manufacturer	GRACION
Nominal service life (h)	50000 h
Degree of protection (IP)	IP20
Dimmable	Ne
Built-in depth	130 mm
Lamp type	LED
Electrical connection with connector system	Ano
Nominal voltage (V)	220 - 240 V
Degree of protection (IP)	IP20
Suitable for number of lamps	3
Suitable for built-in mounting	Ano
Suitable for ceiling mounting	Ano
Dimmable by conventional dimmers	Ne
Název položky	Led recessed light R49-108-3090-45-WH

Electrical characteristics

Nominal wattage	108 W
Rated power (W)	108 W
Operating voltage (V)	100 - 240 V
Type of Voltage	AC
Lowest permitted operating voltage (V)	220 V
Lamp power	36 W
Voltage type	AC

System power	108 W
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Working conditions

Integrated driver	Ne
Light source is part of the fixture	Ano
Maximum permitted storage temperature	80 °C
Burning position	Vertikální
Application	Všeobecné osvětlování
Type of control gear	LED driver CC
Suitable for frequent switching	Ano
Ambient temperature	-20/+40 °C
Fire resistance "F"	Ano
Fit for monitor workplace	Ano
Driver included	Ano

Mounting methods/application

Mounting method	Vestavná
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Physical characteristics

Dimensions (mm)	327 x 165 x 112 mm
Packing method	1
Width	165 mm
Reflector	Matný
Colour housing	Bílá
Built-in width	150 mm
Length	468 mm
Height/depth (mm)	112 mm
Material housing	Aluminium
Built-in length	150 mm
Type of surface	Matný
Number of LEDs	1
Swivelling model	Ano
Adjustability	Otočné a výklopné

EuP Parameters

Average Lifetime B50 (h)	50000 h
Luminescence Life maintenance factor	80 %
Factor of functional reliability (LSF) after nom. life	50 %
Number of maximal switching cycles	>250000
The rate of premature failures	<1 %
Colour difference	90 %
Rated service life	50000 h
Energy consumption (AGGR)	108 kWh/1000h
Turn-on time	<0,2 s

Additional information

With lamp	Ano
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Lighting characteristics

Light Colour	teplá bílá
Wavelength range	400 - 800 nm
Luminous flux	10700 lm
Colour temperature	3000 K
Radiation angle	45 °
Colour rendering index CRI	90 Ra
Colour of light	930
Anti-glare limiting UGR lengthwise	19
Anti-glare limiting UGR crosswise	19
Light outlet	Přímé
Light sharing	Symetrické
Radiation angle	Široký úhel 41-80°
Colour temperature	2800 - 3200 K
Effective luminous flux	10700 lm
Colour	Bílá
Beam angle Degrees (°)	45 °

Safety information

Insulation class	Třída II
Safety instructions	www.nbb.cz
Protection class	Dvojitou izolací

Energetic characteristics

Lamp Power factor (PF)	0,99
Rated efficiency after 100h	99,99 %
Lamp efficacy	99,07 lm/W

Popis

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