



Product Data Sheet

LED zapuštěné světlo R41

Led recessed light R41-28-3090-45-WH



Order number

253462365

Unit EAN13 code

8595209960597

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	120 mm
Lamp type	LED
Type of luminaire	Ostatní
Electrical connection with connector system	Ano
Nominal voltage (V)	220 - 240 V
Degree of protection (IP)	IP20
Suitable for number of lamps	1
Suitable for built-in mounting	Ano
Suitable for ceiling mounting	Ano
Dimmable by conventional dimmers	Ne
Název položky	Led recessed light R41-28-3090-45-WH

Electrical characteristics

Nominal wattage	28 W
Rated power (W)	28 W
Operating voltage (V)	100 - 240 V
Type of Voltage	AC
Lowest permitted operating voltage (V)	220 V
Lamp power	28 W

Voltage type	AC
System power	28 W
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
Physical characteristics	
Dimensions (mm)	Ø170 x 107 mm
Packing method	1
Outer diameter	170 mm
Reflector	Matný
Colour housing	Bílá
Built-in diameter	155 mm
Height/depth (mm)	107 mm
Material housing	Aluminium
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)	28 kWh/1000h
Turn-on time	<0,2 s
Additional information	
With lamp	Ano
Lighting characteristics	
Light Colour	teplá bílá
Wavelength range	400 - 800 nm

Luminous flux	2750 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	3000 - 3200 K
Effective luminous flux	2750 lm
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	98 lm/W

Popis

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