

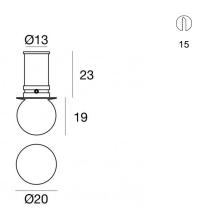
# Downlights | 1 x powerLED 1 W DC 350 mA | CRI 80 **83681W00**





Installation position  Installation environment  Light Source  Diffused  Nominal power  Source lumens  Current intensity  CCT / Tone  Colour rendering index  C.C. / C.V.  Safety class  IP  IP20  Glow wire test  Direct mounting on normally flammable surfaces  CE  Yes  Driver included  Dimmable article  Directional  No  Walk-over  Drive-over  Cable length  Resin potting  Type of light emission  Net weight  LED  Ceiling  Indoor  Light  Diffused  No  Diffused  No  Diffused  No  CCT / Tone  3000 K  80 Ra  C.C. / C.V.  CC  Safety class  3  IP  IP20  Glow wire test  850°  Driver included  No  DALI - 1-10V  No  Directional  No  Tilting  No  Single emission  No  Type of light emission  Not weight  O.02 Kg  Electrostatic discharge protection  No	Technical data	Comi recessed
Installation environment  Light Source  LED  Optics  Diffused  Nominal power  1 W DC  Source lumens  106 Im  Current intensity  350mA  CCT / Tone  3000 K  Colour rendering index  80 Ra  C.C. / C.V.  CC  Safety class  IP  IP20  Glow wire test  Direct mounting on normally flammable surfaces  CE  Yes  Driver included  No  Dimmable article  Directional  No  Tilting  No  Walk-over  No  Cable included  Yes  Cable length  Resin potting  No  No  No  Type of light emission  Net weight  LED  Imdoor  LED  Indoor  LED  Iffused  No  DC  Iffused  No  DALI - 1-10V  No  No  No  Type of light emission  No  Single emission  Not weight  O.02 Kg  Electrostatic discharge protection  No	Type	Semi-recessed
Light Source         LED           Optics         Diffused           Nominal power         1 W DC           Source lumens         106 lm           Current intensity         350mA           CCT / Tone         3000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	· · · · · · · · · · · · · · · · · · ·	
Optics Diffused Nominal power 1 W DC Source lumens 106 lm Current intensity 350mA CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. CC Safety class 3 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 0.12 m Resin potting No Well weight Electrostatic discharge protection No		
Nominal power         1 W DC           Source lumens         106 lm           Current intensity         350mA           CCT / Tone         3000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No		-
Source lumens         106 lm           Current intensity         350mA           CCT / Tone         3000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	<del>_ '</del>	
Current intensity         350mA           CCT / Tone         3000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Nominal power	1 W DC
CCT / Tone         3000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Source lumens	106 lm
Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Current intensity	350mA
C.C. / C.V.         CC           Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	CCT / Tone	3000 K
Safety class         3           IP         IP20           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Colour rendering index	80 Ra
IP20	C.C. / C.V.	CC
Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Safety class	3
Direct mounting on normally flammable surfaces  CE  Yes  Driver included  No  Dimmable article  DALI - 1-10V  Directional  No  Tilting  No  Walk-over  No  Drive-over  No  Cable included  Yes  Cable length  Resin potting  Type of light emission  Net weight  Directional  No  Single emission  No  No  No  No  No  No  No  Type of light emission  Net weight  Directional  No  No  No  No  No  No  No  No  No  N	IP .	IP20
CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Glow wire test	850°
Driver included No Dimmable article DALI - 1-10V Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 0.12 m Resin potting No Type of light emission Single emission Net weight 0.02 Kg Electrostatic discharge protection No	Direct mounting on normally flammable surfaces	Yes
Dimmable article         DALI - 1-10V           Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	CE	Yes
Directional         No           Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Driver included	No
Tilting         No           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Dimmable article	DALI - 1-10V
Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         0.12 m           Resin potting         No           Type of light emission         Single emission           Net weight         0.02 Kg           Electrostatic discharge protection         No	Directional	No
Drive-over No Cable included Yes Cable length 0.12 m Resin potting No Type of light emission Single emission Net weight 0.02 Kg Electrostatic discharge protection No	Tilting	No
Cable included Yes Cable length 0.12 m Resin potting No Type of light emission Single emission Net weight 0.02 Kg Electrostatic discharge protection No	Walk-over	No
Cable length 0.12 m  Resin potting No  Type of light emission Single emission  Net weight 0.02 Kg  Electrostatic discharge protection No	Drive-over	No
Resin potting  No Type of light emission  Net weight  O.02 Kg  Electrostatic discharge protection  No	Cable included	Yes
Type of light emission  Net weight  0.02 Kg  Electrostatic discharge protection  No	Cable length	0.12 m
Net weight 0.02 Kg Electrostatic discharge protection No	Resin potting	No
Electrostatic discharge protection No	Type of light emission	Single emission
3.1 · · · · · · · · · · · · · · · · · · ·	Net weight	0.02 Kg
Surge protection No	Electrostatic discharge protection	No
	Surge protection	No





Finishing casing		
Material	Brass	
Colour	chrome	
Processing	Electroplating	

Finishing diffuser			
Material	Glass		
Colour	transparent		

#### Electronics



89144

On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)



89145

On/Off Driver 198~264V AC / 180~275V DC (1 - 7 art.)



99375

On/Off Driver 198~264V AC (1 - 14 art.)

### **Beriel**



# Downlights | 1 x powerLED 1 W DC 350 mA | CRI 80 **83681W00**

Single emission downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 106 lm, with a 106.0 lm/W nominal luminous efficacy.

The device body is made of brass and features a chrome finish, processed by means of electroplating; the diffuser is made of glass. The ingress protection degree is IP20; the total weight is of 0.02 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1 W. The power supply cable is included and features a 0.12 m length.

The device features protection class III and can be ceiling-mounted, with a 15 mm diameter hole (in plasterboard) with an outer casing, code 84335(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

#### Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features	
Source lumens	106 lm
Colour temperature	3000 K
Standard Deviation of Colour Matching	1/16 ANSI BIN
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

#### LED Life / Failure Ratio

L70 B10 C0 197960h (at Tj 60 Ta 25)

### **Beriel**



#### Beriel | Downlights | Accessories 83681W00





Outer casing

Type of installation: masonry L=35mm, H=20mm, D=20mm

Code

84335