

#### Downlights | 1 x powerLED 4 W DC 350 mA | CRI 80 81241N30













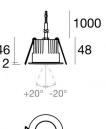
















Installation position Ceiling Installation environment Outdoor Light Source LED Circuit structure Optics Medium Flood Light emission direction Mominal power 4 W DC Source lumens Source	Technical data	
Installation environment         Outdoor           Light Source         LED           Circuit structure         powerLED           Optics         Medium Flood           Light emission direction         downward           Nominal power         4 W DC           Source lumens         529 Im           Input voltage range         350mA           CCT / Tone         4000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IIP         IP67           IIK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Directional         No           Directional         No           Ozide included         Yes           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight <th>Туре</th> <th></th>	Туре	
Light Source         LED           Circuit structure         powerLED           Optics         Medium Flood           Light emission direction         downward           Nominal power         4 W DC           Source lumens         529 lm           Input voltage range         350mA           CCT / Tone         4000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP67           IK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40°           Walk-over         No           Drive-over         No           Cable length         1 m           Resin potting         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single em	Installation position	Ceiling
Circuit structure         powerLED           Optics         Medium Flood           Light emission direction         downward           Nominal power         4 W DC           Source lumens         529 Im           Input voltage range         350mA           CCT / Tone         4000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP67           IK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40°           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg	Installation environment	Outdoor
Optics Medium Flood Light emission direction downward Nominal power 4 W DC Source lumens 529 Im Input voltage range 350mA CCT / Tone 4000 K Colour rendering index 80 Ra C.C. / C.V. CC Safety class 3 IP IP67 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (vertical plane) 40 ° Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Net weight 0.2 Kg Electrostatic discharge protection No	Light Source	LED
Light emission direction         downward           Nominal power         4 W DC           Source lumens         529 lm           Input voltage range         350mA           CCT / Tone         4000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP67           IK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40°           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Circuit structure	powerLED
Nominal power	Optics	Medium Flood
Source lumens         529 lm           Input voltage range         350mA           CCT / Tone         4000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP67           IIK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40°           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Light emission direction	downward
Input voltage range	Nominal power	4 W DC
CCT / Tone         4000 K           Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP67           IIK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Source lumens	529 lm
Colour rendering index         80 Ra           C.C. / C.V.         CC           Safety class         3           IP         IP67           IK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Input voltage range	350mA
C.C. / C.V. CC  Safety class 3  IP IP67  IK IK10  Glow wire test 850°  Direct mounting on normally flammable surfaces Yes  CE Yes  Driver included No  Dimmable article DALI - 1-10V  Directional No  Tilting Yes  total angle (vertical plane) 40°  Walk-over No  Drive-over No  Cable included Yes  Cable length 1 m  Resin potting Yes  Type of light emission Net weight  D.2 Kg  Electrostatic discharge protection No	CCT / Tone	4000 K
Safety class         3           IP         IP67           IK         IK10           Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Colour rendering index	80 Ra
IP67	C.C. / C.V.	СС
IK	Safety class	3
Glow wire test         850°           Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	IP	IP67
Direct mounting on normally flammable surfaces         Yes           CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	IK	IK10
CE         Yes           Driver included         No           Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Glow wire test	850°
Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (vertical plane) 40 ° Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.2 Kg Electrostatic discharge protection No	Direct mounting on normally flammable surfaces	Yes
Dimmable article         DALI - 1-10V           Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	CE	Yes
Directional         No           Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Driver included	No
Tilting         Yes           total angle (vertical plane)         40 °           Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Dimmable article	DALI - 1-10V
total angle (vertical plane)  Walk-over  No  Drive-over  No  Cable included  Yes  Cable length  1 m  Resin potting  Type of light emission  Net weight  Electrostatic discharge protection  40 °  No  No  No  No  No  No  No	Directional	No
Walk-over         No           Drive-over         No           Cable included         Yes           Cable length         1 m           Resin potting         Yes           Type of light emission         Single emission           Net weight         0.2 Kg           Electrostatic discharge protection         No	Tilting	Yes
Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.2 Kg Electrostatic discharge protection No	total angle (vertical plane)	40 °
Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.2 Kg Electrostatic discharge protection No	Walk-over	No
Cable length 1 m  Resin potting Yes  Type of light emission Single emission  Net weight 0.2 Kg  Electrostatic discharge protection No	Drive-over	No
Resin potting  Yes  Type of light emission  Net weight  0.2 Kg  Electrostatic discharge protection  No	Cable included	Yes
Type of light emission  Net weight  0.2 Kg  Electrostatic discharge protection  No	Cable length	1 m
Net weight 0.2 Kg Electrostatic discharge protection No	Resin potting	Yes
Electrostatic discharge protection No	Type of light emission	Single emission
•	Net weight	0.2 Kg
Surge protection No	Electrostatic discharge protection	No
	Surge protection	No

Finishing casing		
Material	Die-cast Aluminium EN AB - 46100	
Colour	black	
Processing	Open pore anodizing + Powder Coating	

Finishing diffuser	
Material	Extra clear glass - Tempered
Colour	transparent

Finishing flange		
Material	AISI 316L steel	
Colour	steel	
Processing	Brushing	

#### Electronics



89421 On/Off Driver 198~264V AC / 176~275V DC



C-E200006

On/Off Driver 198~264V AC / 180~275V DC

Acquastop - TVS

Product technological characteristics

### Orma CJ



## Downlights | 1 x powerLED 4 W DC 350 mA | CRI 80 | Base 81241N30

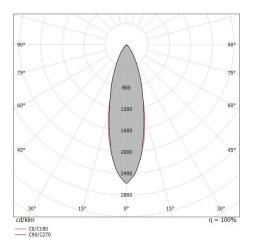
Single emission recessed downlights for outdoor application. The natural white LED light source is composed of 1 powerled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 132.3 lm/W nominal luminous efficacy.

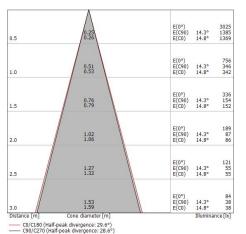
The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP67; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 55 mm diameter hole (in plasterboard) with an outer casing, code 99749(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	
Light Output Ratio (LOR)	55 %
Source lumens	529 lm
Delivered lumens	293 lm
Consumption	4 W
Luminaire efficacy	73 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
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 247450h (at Tj 60 Ta 25)

UGR	
UGR axial	17.2
UGR transversal	17.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	29°
Light distribution simmetry	Symmetrical

## Orma\_CJ



# Orma\_CJ | Downlights | Accessories 81241N30





Outer casing - (to be completed with universal grill 99750) installation position: ceiling; type of installation: masonry L=290mm, H=125mm, D=190mm

Code

99749



Accessories for outer casings - Universal grille for outer casing 99749

Code

99750





Outer casing

installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm. Material:polypropylene, colour:white.

Code

89373





Outer casing

installation position: ceiling; type of installation: masonry L=370mm, H=120mm, D=200mm. Material:polypropylene, colour:white.

Code

89374