

Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90 80645W30





Installation position Ceiling Installation environment Light Source LED Circuit structure Optics Medium Flood Light emission direction Nominal power Source lumens Input voltage range CCT / Tone Colour rendering index C.C. / C.V. Safety class IP Optical compartment IP Glow wire test Direct mounting on normally flammable surfaces CE Driver included Dimmable article Directional No Tilting Yes total angle (vertical plane) Walk-over No Drive-over Cable length Resin potting Net weight Electrostatic discharge protection No Surge protection No Ceiling Indoor LED Ceiling Indoor LeD Medium Flood downward No Medium Flood downward No Medium Flood downward No Medium Flood Awn Do. CCC Source lumens 738 Im 1000 Av DC CCC CC CC Safety class 3 IP44 IP65 S50° Direct mounting on normally flammable surfaces Yes CE Yes Driver included No DALI - 1-10V No Tilting Yes Cotal angle (vertical plane) 60° Walk-over No Drive-over No Cable length 0.17 m Resin potting No Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L.	Technical data	
Installation environment Indoor Light Source LED Circuit structure powerLED Optics Medium Flood Light emission direction downward Nominal power 8 W DC Source lumens 738 Im Input voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 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) 360 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Surge protection No Surge protection No Surge protection No Optics technology F.O.L.	Туре	Semi-recessed
Light Source LED Circuit structure powerLED Optics Medium Flood Light emission direction downward Nominal power 8 W DC Source lumens 738 Im Imput voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 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 Tilting Yes total angle (horizontal plane) 360° total angle (vertical plane) 360° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin po	Installation position	Ceiling
Circuit structure powerLED Optics Medium Flood Light emission direction downward Nominal power 8 W DC Source lumens 738 Im Imput voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 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 (horizontal plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission No Surge protection No Surge protection No Optics technology F.O.L.	Installation environment	Indoor
Optics Medium Flood Light emission direction downward Nominal power 8 W DC Source lumens 738 Im Input voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included No Directional No Directional No Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight	Light Source	LED
Light emission direction Nominal power Source lumens 738 Im Input voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class IP IP44 Optical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Driver included No Dimmable article Directional No Tilting Yes total angle (horizontal plane) Orive-over No Cable included Yes Cable length Resin potting No Type of light emission No Surge protection No Optics technology F.O.L.	Circuit structure	powerLED
Nominal power 8 W DC Source lumens 738 lm Input voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L. <td>Optics</td> <td>Medium Flood</td>	Optics	Medium Flood
Source lumens 738 lm Input voltage range 700mA CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L.	Light emission direction	downward
Input voltage range	Nominal power	8 W DC
CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CC Safety class 3 IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360 ° total angle (vertical plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission No Surge protection No Surge protection No Surge protection No Optics technology F.O.L.	Source lumens	738 lm
Colour rendering index C.C. / C.V. Safety class IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission No Surge protection No Surge protection No Optics technology F.O.L.	Input voltage range	700mA
C.C. / C.V. Safety class 3 IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission No Surge protection No Optics technology F.O.L.	CCT / Tone	3000 K
Safety class 3 IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L.	Colour rendering index	90 Ra
IP IP44 Optical compartment IP IP65 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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L.	C.C. / C.V.	CC
Optical compartment IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) total angle (vertical plane) Orive-over No Drive-over No Cable included Yes Cable length No Type of light emission Net weight Electrostatic discharge protection No Optics technology F.O.L.	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 (horizontal plane) 360° total angle (vertical plane) 60° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	IP	IP44
Direct mounting on normally flammable surfaces CE Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) dotal angle (vertical plane) Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting Type of light emission Net weight Electrostatic discharge protection No Optics technology F.O.L.	Optical compartment IP	IP65
CE Yes Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L.	Glow wire test	850°
Driver included No Dimmable article DALI - 1-10V Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Optics technology F.O.L.	Direct mounting on normally flammable surfaces	Yes
Dimmable article Directional No Tilting Yes total angle (horizontal plane) total angle (vertical plane) Walk-over No Drive-over No Cable included Yes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection No Optics technology F.O.L.	CE	Yes
Directional No Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Driver included	No
Tilting Yes total angle (horizontal plane) 360 ° total angle (vertical plane) 60 ° Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Dimmable article	DALI - 1-10V
total angle (horizontal plane) total angle (vertical plane) Walk-over No Drive-over Cable included Yes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection No Optics technology F.O.L.	Directional	No
total angle (vertical plane) Walk-over No Drive-over No Cable included Yes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection No Surge protection Optics technology F.O.L.	Tilting	Yes
Walk-over No Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	total angle (horizontal plane)	360 °
Drive-over No Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	total angle (vertical plane)	60 °
Cable included Yes Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Walk-over	No
Cable length 0.17 m Resin potting No Type of light emission Single emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Drive-over	No
Resin potting No Type of light emission Net weight Electrostatic discharge protection Surge protection Optics technology No No No F.O.L.	Cable included	Yes
Type of light emission Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Cable length	0.17 m
Net weight 0.280 Kg Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Resin potting	No
Electrostatic discharge protection No Surge protection No Optics technology F.O.L.	Type of light emission	Single emission
Surge protection No Optics technology F.O.L.	Net weight	0.280 Kg
Optics technology F.O.L.	Electrostatic discharge protection	No
	Surge protection	No
Product technological characteristics TVS	Optics technology	F.O.L.
	Product technological characteristics	TVS









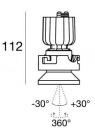














Finishing casing		
Material	Aluminium 6026	
Colour	Black	
Processing	Powder coating	

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent

Finishing radiato	r
Material	Die-cast Aluminium EN AB - 46100
Colour	Aluminium
Processing	Polishing

Electronics



99147 On/Off Driver 198~264V AC (2 - 3 art.)



99735

Multi Power 198~264V AC / 180~275V DC (1 art.)



99733

1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)



C-E100012

Push and Simply Dim - DALI-2 Controller (1 art.)



Push and Simply Dim - DALI-2 Controller (2 - 3 art.)

Cables Electrification	
Cable connector	No



Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90 | Base 80645W30

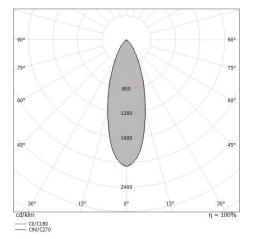
Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 738 lm, with a 92.3 lm/W nominal luminous efficacy.

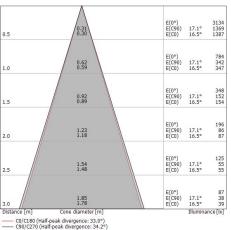
The device body is made of aluminium 6026 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.280 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 W. The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code 98534(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 F.

Illuminotechnical Features	
Light Output Ratio (LOR)	51 %
Source lumens	738 lm
Delivered lumens	379 lm
Consumption	8 W
Luminaire efficacy	47 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

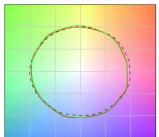
LED Life / Failure Ratio

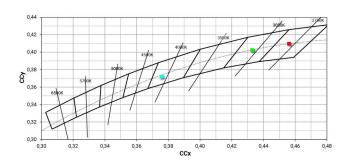
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR	
UGR axial	16.5
UGR transversal	16.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	33°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC







Epitax_J | Downlights | Accessories **80645W30**





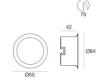
Outer casing - Frameless outer-casing

Finish White **Code** 98499

installation position: ceiling; type of installation: drywall L=73.5mm, H=42mm, D=73.5mm.

Material:ABS + glass fiber 15%, colour:white, processing:raw.





Outer casing - outer casing

Finish Black

Code 98534

installation position: ceiling; type of installation: drywall L=84mm, H=42mm, D=84mm. Material:Aluminium, colour:Black, processing:Coating.