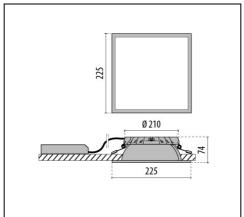


DL SQUARE MAXI

Part number 3109000























Description

Recessed, modular, square LED downlight for indoor, comprising:

- LED module, die-cast aluminium heat sink, reflector with integrated ceiling trim, diffuser and external supply unit
- All components can be tool-less replaced lately
- Integrated diffuser grants an optimised uniformity
- Die-cast aluminium heat sink with Fast™ (Flexible air stream technology) cooling system grants an excellent dissipation and thermal management
- Built-in driver
- Suitable for ceiling tile thickness from 1-25 mm
- Quick and toolless installation

- High-shine modular radial louvre reflector with integrated ceiling frame made of metallised injection-moulded ABS with light-tight connection to LED module
- Injection-moulded ABS reflector with integral ceiling trim with light-tight connection to LED module and matte plastic pane (IP54)

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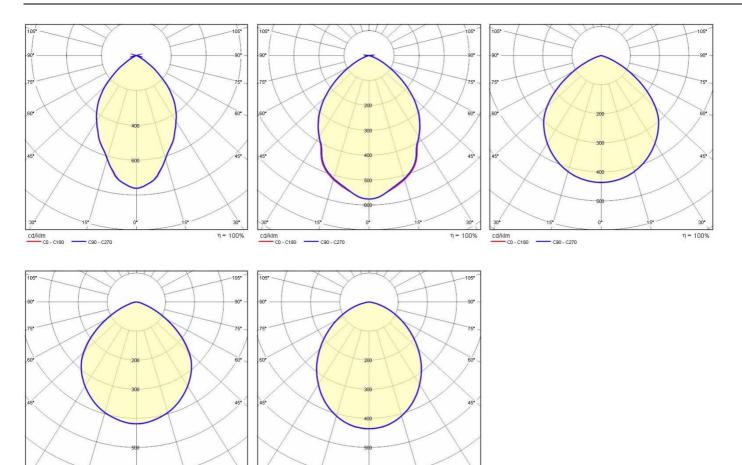


Lampholder: LED Light source: LED				
Light source LED	ETIM Group:	EG000027	ETIM Class:	EC001744
Luminaire lumen output lumi: Luminaire Luminaire 21 W Luminous efficacy (Im/W): 138 Colour /	General information			
Luminaire 21 W	Lampholder:	LED	Light source:	LED
### Colour 90		3300	·	2895
Colour / SL-10 / Silver / Textured Pt degree Pt protection Pabove/below ceiling: Pt protection P		21 W	Luminous efficacy [lm/W]:	138
Pabox/Delow ceiling:	CRI:	90	_	3000
Protection class: I Optic: C/EW - Circular Extra-Wice Beam 2 × 42° Net weight [kg]: 0.95 angle: Overall length [kg]: 0.95 Overall length [mm]: 225 Overall width [mm]: 225 Overall height [mm]: 74 Cut-out dimensions [mm]: 210 × 210 Minimum installation depth [mm]: 80 Auminimal Mechanical features Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test [*C]: 650 °C Electrical features AC/DC Input voltage IV ACI: 220/240 Input frequency [Hz]: 0/50 /60 Power factor / COS Φ: >0.9 Input voltage [V DC]: 176 /280 Inrush current [A/μs]: 16 / 226 Cao 15 mm²: 41 C16 25 mm²: 65 Bio 15 mm²: 25 B16 25 mm²: 39 Installation Mounting type: Downlights Min ambient temperature [*C]: 10 Max. ambient temperature [*C]: 40		SL-10 / Silver / Textured		IP20
Beam angle: 2 x 42° Net weight [kg]: o 95 Overall length [mm]: 225 Overall width [mm]: 225 Overall height [mm]: 74 Cut-out dimensions [mm]: 210 x 210 Minimum installation depth [mm]: 80 Mechanical features Shape: Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test l°C! 650 °C Electrical features Voltage type: AC/DC Input voltage [V AC]: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS 0°: >0.9 Input voltage [V DC]: 176/280 Inrush current IA/µs]: 16 / 226 Cio 15 mm²: 41 Cio 25 mm²: 65 Bio 15 mm²: 25 Bio 25 mm²: 39 Installation Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features	IP above/below ceiling:	IP20/IP44	IK-J-xxIP:	IK07 2J xx5
Overall length Imml: 225 Overall width Imml: 225 Overall height Imml: 74 Cut-out dimensions Imml: 210 x 210 Minimum installation depth Imml: 80 Mechanical features Shape: Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test l°C! 650 °C Electrical features Voltage type: AC/DC Input voltage IV AC!: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS 0: >0.9 Input voltage IV DCI: 176/280 Inrush current IA/µs]: 16 / 226 Cto 15 mm²: 41 Ct6 25 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature l°CI: 10 Max. ambient temperature l°CI: 40 Light features	Protection class:	l .	Optic:	C/EW - Circular Extra-Wide
Overall height Imml: 74 Cut-out dimensions Imml: 210 x 210 Minimum installation depth [mm]: 80 Mechanical features Shape: Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test l°Cl: 650 °C Electrical features Voltage type: AC/DC Input voltage IV ACl: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage IV DCl: 176/280 Inrush current IA/µsl: 16 / 226 Clo 15 mm²: 41 C16 2.5 mm²: 65 Bio 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature I°Cl: 10 Max. ambient temperature I°Cl: 40 Light features Lao B10 ⊕ 500000h		2 x 42°	Net weight [kg]:	0.95
Minimum installation depth [mm]: 80 Mechanical features Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Shape: Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test l*Cl: 650 °C Electrical features Voltage type: AC/DC Input voltage IV ACl: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage IV DCl: 176/280 Inrush current IA/μsl: 16 / 226 Clo 1.5 mm²: 41 Cl6 2.5 mm²: 65 Blo 1.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature I*Cl: 10 Max. ambient temperature I*Cl: 40 Light features L80810@50000h	Overall length [mm]:	225	Overall width [mm]:	225
Mechanical features Shape: Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test l°Cl: 650 °C Electrical features Voltage type: AC/DC Input voltage IV ACl: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage IV DCl: 176/280 Inrush current [A/µs]: 16 / 226 C10 15 mm²: 41 C16 25 mm²: 65 Bto 15 mm²: 25 B16 2.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature l°Cl: 10 Max. ambient temperature l°Cl: 40 Light features MacAdam: 3 Lumen maintenance: L80810@50000h	Overall height [mm]:	74	Cut-out dimensions [mm]:	210 x 210
Shape: Square 150 ≤ x ≤ 300 mm Housing material: Aluminium Diffuser material: Opal plastic Glow wire test [°C]: 650 °C Electrical features Voltage type: AC/DC Input voltage IV ACI: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage IV DCI: 176/280 Inrush current IA/μs]: 16 / 226 C10 15 mm²: 41 C16 2.5 mm²: 65 B10 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Mounting type: Downlights Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	Minimum installation depth [mm]:	80	_	
Diffuser material: Opal plastic Glow wire test I*Cl: 650 °C Electrical features 650 °C Electrical features 220/240 Voltage type: AC/DC Input voltage IV ACl: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage IV DCl: 176/280 Inrush current [A/μs]: 16 / 226 C10 15 mm²: 41 C16 2.5 mm²: 65 B10 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features MacAdam: 3 Lumen maintenance: L80810@50000h	Mechanical features			
Electrical features AC/DC Input voltage IV AC : 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage IV DC : 176/280 Inrush current IA/μs]: 16 / 226 C10 1.5 mm²: 41 C16 2.5 mm²: 65 B10 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature [*C]: 10 Max. ambient temperature [*C]: 40 Light features L80B10@50000h	Shape:	Square 150 ≤ x ≤ 300 mm	Housing material:	Aluminium
Voltage type: AC/DC Input voltage [V AC]: 220/240 Input frequency [Hz]: 0/50/60 Power factor / COS Φ: >0.9 Input voltage [V DC]: 176/280 Inrush current [A/µs]: 16 / 226 C10 1.5 mm²: 41 C16 2.5 mm²: 65 B10 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Mounting type: Downlights Min. ambient temperature ['C]: 10 Max. ambient temperature ['C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	Diffuser material:	Opal plastic	Glow wire test [°C]:	650 °C
Input frequency [Hz]:	Electrical features			
Input voltage [V DC]: 176/280 Inrush current [A/μs]: 16 / 226 C10 1.5 mm²: 41 C16 2.5 mm²: 65 B10 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature ['C]: 10 Max. ambient temperature ['C]: 40 Light features Lumen maintenance: L80B10@50000h	Voltage type:	AC/DC	Input voltage [V AC]:	220/240
C10 1.5 mm²: 41 C16 2.5 mm²: 65 B10 1.5 mm²: 25 B16 2.5 mm²: 39 Installation Mounting type: Downlights Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	Input frequency [Hz]:	0/50/60	Power factor / COS Φ:	>0.9
B10 1.5 mm²: 39 Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	Input voltage [V DC]:	176/280	Inrush current [A/µs]:	16 / 226
Installation Application area: Indoor Mounting type: Downlights Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	C10 1.5 mm ² :	41	C16 2.5 mm ² :	65
Application area: Indoor Mounting type: Downlights Min. ambient temperature ['C]: 10 Max. ambient temperature ['C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	B10 1.5 mm ² :	25	B16 2.5 mm ² :	39
Min. ambient temperature [°C]: 10 Max. ambient temperature [°C]: 40 Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	Installation			
Light features MacAdam: 3 Lumen maintenance: L80B10@50000h	Application area:	Indoor	Mounting type:	Downlights
MacAdam: 3 Lumen maintenance: L80B10@50000h	Min. ambient temperature [°C]:	10	Max. ambient temperature [°C]:	40
MacAdam: 3 Lumen maintenance: L80B10@50000h	Light features			
		3	Lumen maintenance:	L80B10@50000h
	Distribution of light emission:		UGR max.:	

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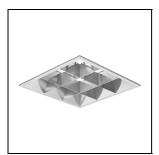
Photometric data



Optional accessories

DL SQUARE MAXI

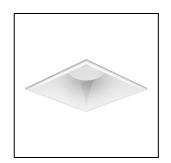
cd/klm co - c180



3109020Louvre reflector DL SQUARE MAXI

cd/klm — co - c180 —

η= 100%



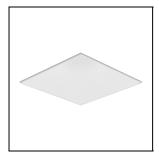
η = 100%

3109018White reflector DL SQUARE MAXI

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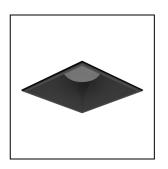
date: 19/6/2024





3109021

Matte plastic panel (IP54) DL SQUARE MAXI



3109019

Black reflector DL SQUARE MAXI

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