



## LED SLIM DOWNLIGHT

### DESCRIPTION

The LED Slim Downlight recessed luminaire replaces CFL and PL-C downlight fixtures and generates at least 50% in energy savings. The integrated LED light source can last up to 50,000 hours, saving on maintenance and replacement costs of PL-C lamps. Due to the slim design and narrow rim, there is a perfect integration with e.g. system-, stucco- and plaster ceilings in corridors and common areas in offices, hotels, restaurants, retail, hospitals and housing. The ultra-slim design makes the Slim Downlight suitable practically everywhere. The Slim Downlight also provides a uniform and diffused light effect.

This fixture is flicker-free, measured according to the measuring methods, LM-79 and LM-80 and has an efficiency of up to 110 lumens per watt. Because of the excellent value for money, a short payback period is guaranteed.



### APPLICATIONS



Office



Hotel



Restaurant



Retail



Housing

### OPTIONAL

- 0-10V Dimmable
- DALI
- Emergency Module (1H, 3H autotest)
- IP44

### SPECIFICATIONS

EAN	Item description	Power (W)	Lumen	Efficacy (lm/W)	Input Current	CCT (K)	CRI	Equivalent	Lifespan L80 at 25°C
8719157001786	LED Slim Downlight 12W 3000K Cutout Ø160mm	12	1200	100	0.05A	3000	>80	2 x 18W	50,000
8719157001793	LED Slim Downlight 12W 4000K Cutout Ø160mm	12	1200	100	0.05A	4000	>80	2 x 18W	50,000
8719157001809	LED Slim Downlight 20W 3000K Cutout Ø210mm	20	2200	110	0.09A	3000	>80	2 x 26W	50,000
8719157001816	LED Slim Downlight 20W 4000K Cutout Ø210mm	20	2200	110	0.09A	4000	>80	2 x 26W	50,000
8719157002387	LED Slim Downlight 12W 3000K Cutout Ø160mm 0-10V Dimmable	12	1200	100	0.05A	3000	>80	2 x 18W	50,000
8719157002394	LED Slim Downlight 12W 4000K Cutout Ø160mm 0-10V Dimmable	12	1200	100	0.05A	4000	>80	2 x 18W	50,000
8719157002400	LED Slim Downlight 20W 3000K Cutout Ø210mm 0-10V Dimmable	20	2200	110	0.09A	3000	>80	2 x 26W	50,000
8719157002417	LED Slim Downlight 20W 4000K Cutout Ø210mm 0-10V Dimmable	20	2200	110	0.09A	4000	>80	2 x 26W	50,000
8719157002424	LED Slim Downlight 12W 3000K Cutout Ø160mm DALI	12	1200	100	0.05A	3000	>80	2 x 18W	50,000
8719157002431	LED Slim Downlight 12W 4000K Cutout Ø160mm DALI	12	1200	100	0.05A	4000	>80	2 x 18W	50,000
8719157002448	LED Slim Downlight 20W 3000K Cutout Ø210mm DALI	20	2200	110	0.09A	3000	>80	2 x 26W	50,000
8719157002455	LED Slim Downlight 20W 4000K Cutout Ø210mm DALI	20	2200	110	0.09A	4000	>80	2 x 26W	50,000

Luminous flux tolerance: +/- 10% Power consumption tolerance: +/- 10%

## TECHNICAL SPECIFICATIONS

### Technical specifications

UGR	12W: <27, 20W: <25
Dimmable	No / 0-10V / DALI
Beam angle (°)	120°
IP	IP20
IK	IK02
Protection class	II
Integrated driver (Yes/No)	No, but including
Glow wire test	650°C

### Electrical Supply

Frequency (Hz)	50-60
Voltage (V)	220-240
AC/DC	AC
Power factor	>0.95

### Mechanical Properties

Housing material	Aluminium
Color (Housing)	White RAL9010
Optic	PMMA

### Physical characteristics

Diameter (mm)	12W: 170, 20W: 225
Cutout size Ø (mm)	12W: 160, 20W: 210
Installation depth (mm)	26

### Application

Operating temperature	-20 to +45°C
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### Certifications

Driver certifications	CE
Fixture certifications	CE
Test reports	LM79-08 and LM80-08

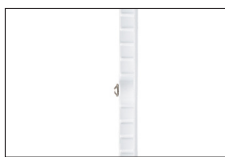
## PACKAGING INFORMATION

Item	Item description	Box 1 Item		Units per masterbox	Masterbox	
		Dimensions (mm) (HxWxL)	Weight (kg)		Dimensions (mm) (HxWxL)	Weight (kg)
8719157001786	LED Slim Downlight 12W 3000K Cutout Ø160mm	180x45x180	0.34	20	375x240x375	8.6
8719157001793	LED Slim Downlight 12W 4000K Cutout Ø160mm	180x45x180	0.34	20	375x240x375	8.6
8719157001809	LED Slim Downlight 20W 3000K Cutout Ø210mm	245x45x245	0.50	20	505x240x505	12.4
8719157001816	LED Slim Downlight 20W 4000K Cutout Ø210mm	245x45x245	0.50	20	505x240x505	12.4
8719157002387	LED Slim Downlight 12W 3000K Cutout Ø160mm 0-10V Dimmable	180x45x180	0.34	20	375x240x375	8.6
8719157002394	LED Slim Downlight 12W 4000K Cutout Ø160mm 0-10V Dimmable	180x45x180	0.34	20	375x240x375	8.6
8719157002400	LED Slim Downlight 20W 3000K Cutout Ø210mm 0-10V Dimmable	245x45x245	0.50	20	505x240x505	12.4
8719157002417	LED Slim Downlight 20W 4000K Cutout Ø210mm 0-10V Dimmable	245x45x245	0.50	20	505x240x505	12.4
8719157002424	LED Slim Downlight 12W 3000K Cutout Ø160mm DALI	180x45x180	0.34	20	375x240x375	8.6
8719157002431	LED Slim Downlight 12W 4000K Cutout Ø160mm DALI	180x45x180	0.34	20	375x240x375	8.6
8719157002448	LED Slim Downlight 20W 3000K Cutout Ø210mm DALI	245x45x245	0.50	20	505x240x505	12.4
8719157002455	LED Slim Downlight 20W 4000K Cutout Ø210mm DALI	245x45x245	0.50	20	505x240x505	12.4

## DETAILS



Close-up



Slim profile

**NOXION**

This luminaire contains built-in LED lamps

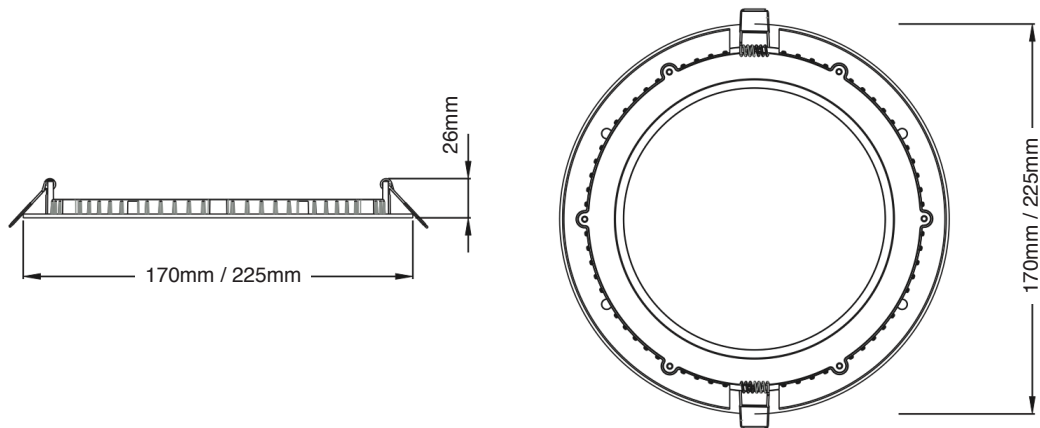
A++
A+
A
C
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E

} LED

The lamps cannot be changed in the luminaire

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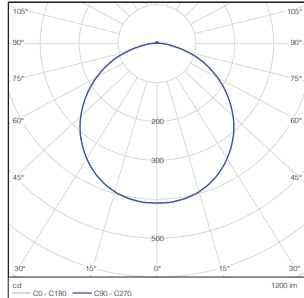
## DIMENSIONAL DRAWINGS



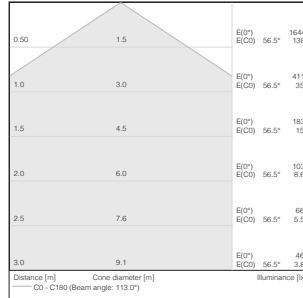
## PHOTOMETRIC SPECIFICATIONS

**Slim Downlight 12W 3000K Cutout 160mm**

Luminous emittance 1 / Polar LDC

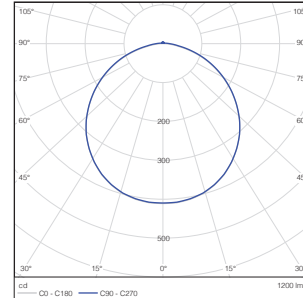


Luminous emittance 1 / Cone diagram

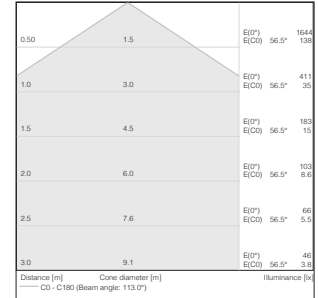


**Slim Downlight 12W 4000K Cutout 160mm**

Luminous emittance 1 / Polar LDC

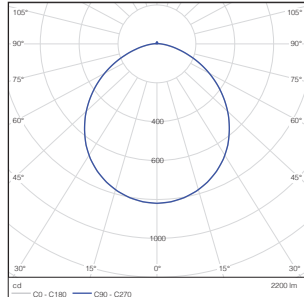


Luminous emittance 1 / Cone diagram

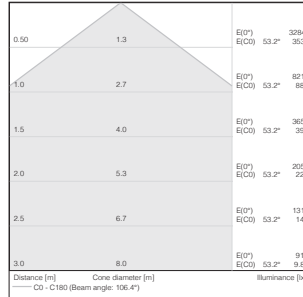


**Slim Downlight 20W 3000K Cutout 210mm**

Luminous emittance 1 / Polar LDC

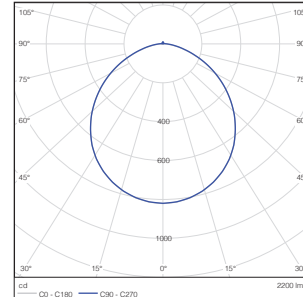


Luminous emittance 1 / Cone diagram

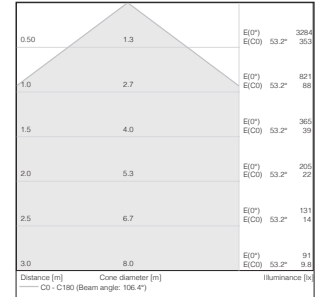


**Slim Downlight 20W 4000K Cutout 210mm**

Luminous emittance 1 / Polar LDC



Luminous emittance 1 / Cone diagram



## SPECIFICATIONS DRIVER

	LED Slim Downlight 12W	LED Slim Downlight 20W	LED Slim Downlight 12W 0-10V Dimmable	LED Slim Downlight 20W 0-10V Dimmable	LED Slim Downlight 12W DALI	LED Slim Downlight 20W DALI	Remarks
Driver	20/220-240/500 CS	20/220-240/500 CS	Noxion Driver	Noxion Driver	DALI 15/220...240/1A0 LT2	DALI 25/220...240/700 LT2	
Inrush current $I_{peak}$ (A)	<16	<16	6	7	5	<20	Input voltage 230V
Inrush current $T_{width}$ (µs)	100	100	28	28	45	50	Input voltage 230V, measured at 50% $I_{peak}$

**NOXION**

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