

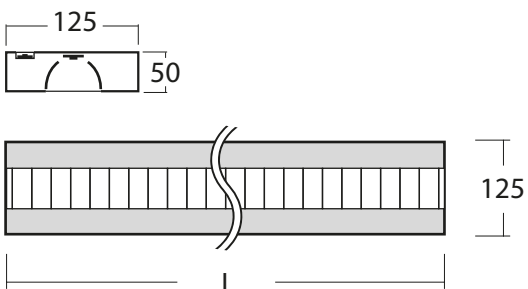


Luminaire

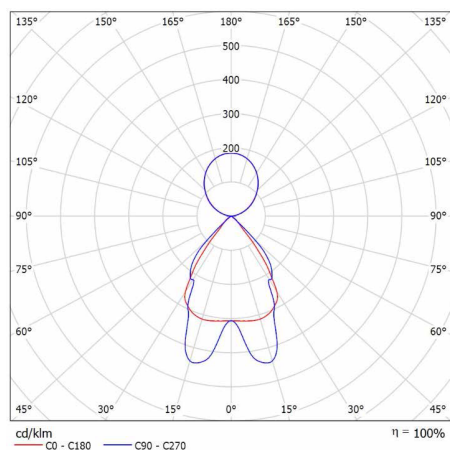
Zuli

Do you remember the buzzing and flickering lights of your classroom? Fortunately these are long gone. Zuli pendant and surface-mounted LED luminaires ensure comfortable lighting in the classroom, offices and hospitals without these annoyances. These luminaires have direct or direct-indirect emission, with a choice of four lengths and microprism optics, grid and opal diffuser.

Technical drawing



Curve



Type of installation	Suspended; Surface	
Light distribution	Direct Direct-indirect	
Luminaire shape	Angular	
Colours of the luminaires	White; Black; Silver	
Material	Aluminium	
Lifetime	L80/B20 50 000 hours	
Warranty	60 months	
Dimensions	1135 mm × 125 mm × 50 mm 1415 mm × 125 mm × 50 mm	
Light source	LED MODUL	
Type of optical system	Matt aluminium louvre	
Luminous flux	121-500M-20GEx 121-500M-20GGx 121-501M-20GEx 121-501M-20GGx	2600 / 2750 lm ± 10 % 3550 / 3730 lm ± 10 % 3800 / 4010 lm ± 10 % 5190 / 5460 lm ± 10 %
Colour Temperature	3000 K warm white 4000 K cool white	
Luminous efficacy	~130 lm/W	
MacAdam	3	
Colour rendering index	80	
UGR max. X=4H; 8H reflectances =70,50,20	<13	
Luminaire power input	20,8 ... 47,5 W ± 10 %	
Possible connection of the luminaires	Electronic ballast non-dimmable dimmable: DALI; Push-button	
Electrical voltage	220-240V	
Frequency	50-60Hz	

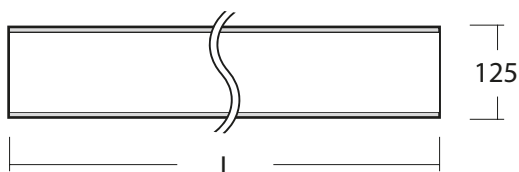
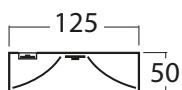


Luminaire

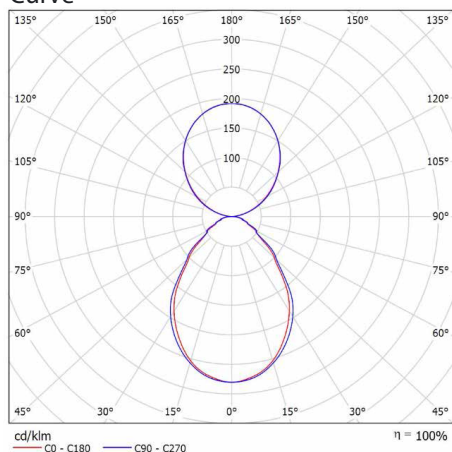
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Technical drawing



Curve



Type of installation	Suspended; Surface
Light distribution	Direct Direct-indirect
Luminaire shape	Angular
Colours of the luminaires	White; Black; Silver
Material	Aluminium
Lifetime	L80/B20 50 000 hours
Warranty	60 months
Dimensions	1135 mm × 125 mm × 50 mm 1415 mm × 125 mm × 50 mm
Light source	LED MODUL

Type of optical system	Microprismatic optic
Luminous flux	121-500I-20GEx - lm ± 10 % 121-500I-20GGx 1800 / 1900 lm ± 10 % 121-501I-20GEx - lm ± 10 % 121-501I-20GGx 3000 / 3160 lm ± 10 %
Colour Temperature	3000 K warm white 4000 K cool white
Luminous efficacy	~110 lm/W
MacAdam	3
Colour rendering index	80
UGR max. X=4H; 8H reflectances =70,50,20	<19

Luminaire power input	17 ... 30 W ± 10 %
Possible connection of the luminaires	Electronic ballast non-dimmable dimmable: DALI; Push-button
Electrical voltage	220-240V
Frequency	50-60Hz



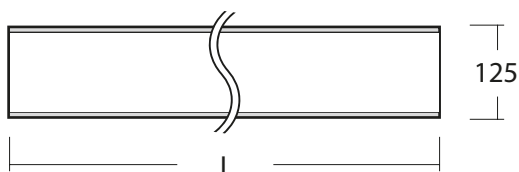
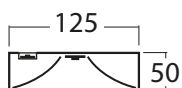


Luminaire

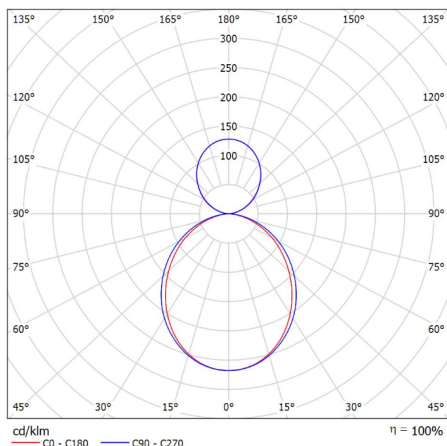
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Technical drawing



Curve



Type of installation	Suspended; Surface	
Light distribution	Direct Direct-indirect	
Luminaire shape	Angular	
Colours of the luminaires	White; Black; Silver	
Material	Aluminium	
Lifetime	L80/B20 50 000 hours	
Warranty	60 months	
Dimensions	1135 mm × 125 mm × 50 mm 1415 mm × 125 mm × 50 mm	
Light source	LED MODUL	
Type of optical system	Opal diffuser	
Luminous flux	121-500K-20GEx 121-500K-20GGx 121-501K-20GEx 121-501K-20GGx	2300 / 2400 lm ± 10 % 3200 / 3380 lm ± 10 % 3530 / 3700 lm ± 10 % 4920 / 5190 lm ± 10 %
Colour Temperature	3000 K warm white 4000 K cool white	
Luminous efficacy	~120 lm/W	
MacAdam	3	
Colour rendering index	80	
UGR max. X=4H; 8H reflectances =70,50,20	>19	
Luminaire power input	20 ... 45,3 W ± 10 %	
Possible connection of the luminaires	Electronic ballast non-dimmable dimmable: DALI; Push-button	
Electrical voltage	220-240V	
Frequency	50-60Hz	