



LED

Norms: EN 60598-1, EN 60598-2-2



PRODUCT DESCRIPTION

Areas of Application: Commercial and Business areas, Public buildings, Housing, Offices, Hotel and Restaurant services, Art and Culture spaces.

Mounting: Ceiling recessed.

Light Distribution: Direct.



Light Source: LED 4000K, CRI >90, 50.000h life.

Control Gear: LED driver, 220-240VAC-50/60Hz.



Materials: Body: Steel sheet.

Surface Finish: Powder coated.



PB - Polished aluminium reflector | 25 Beam angle

	LED	UGR	W	Lm	mA	V	Lm/W	η(%)	AxBxC (mm)		Kg	HF	DALI
		≤10	9	1000	350	26	104	94	105x105x116	95x93	0,55	90021.L109.E0025	90021.L109.H0025
		≤10	14	1550	350	32	103	93	105x105x116	95x93	0,66	90021.L111.E0025	90021.L111.H0025



PB - Polished aluminium reflector | 35 Beam angle

	LED	UGR	W	Lm	mA	V	Lm/W	η(%)	AxBxC (mm)		Kg	HF	DALI
		≤16	9	1000	350	26	101	91	105x105x106	95x93	0,55	90021.L109.E0035	90021.L109.H0035
		≤16	14	1550	350	32	100	90	105x105x106	95x93	0,66	90021.L111.E0035	90021.L111.H0035

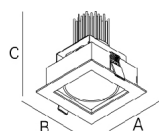
PB - Polished aluminium reflector | 60 Beam angle

	LED	UGR	W	Lm	mA	V	Lm/W	η(%)	AxBxC (mm)		Kg	HF	DALI
		≤19	9	1000	350	26	101	91	105x105x96	95x93	0,55	90021.L109.E0060	90021.L109.H0060
		≤19	14	1550	350	32	102	92	105x105x96	95x93	0,66	90021.L111.E0060	90021.L111.H0060

COLOUR / FINISH

Code	Description
 W	White **
 G	Grey **
 B	Black **

DIMENSIONS



** Changes applicable only to bezel.

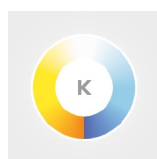
** Other colours under request.

Example code for order: 90021.L111.H0060 (DALI) + W (COLOUR/FINISH) + 3000 + 003 (OPTIONS)

We reserve the right to make technical changes without prior notice. Electrical/Optical data are subjected to a tolerance of +/-10%.

OPTIONS

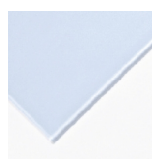
Colour temperature



3000K

Order code
3000

Glass / Diffuser



Transparent glass	003
Opal glass	002
DAM - Microprismatic diffuser	003

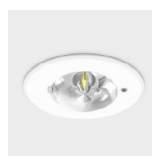
Safety cable



Steel safety cable

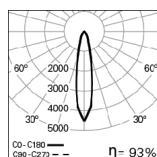
Order code
955000

Emergency unit

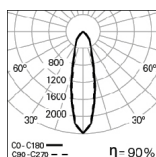


Option supplied under request.

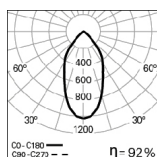
PHOTOMETRY



**OSLO 14W
PB 4000K 25°**



**OSLO 14W
PB 4000K 35°**



**OSLO 14W
PB 4000K 60°**

TO SPECIFY:

Square LED recessed downlight. High performance aluminum reflectors with beam angles of 25 , 35 or 60 . Standard total luminous flux of 1000 or 1550 lm, 4000K, CRI>90 and 50.000h lifetime (@L80, B10, Ta 25 C) and passive cooling of the LED through improved heat sink. Optional DALI dimmable driver, IP20/54 through 4mm opal or transparent tempered glass or microprismatic diffuser. Also available as 3000K. For ceiling thicknesses of 1 to 20mm. - as Indelague OSLO.

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