



FESAL

DOWNLIGHTS



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

CE IP 20 IP 20/54

Body: Aluminium.
Finish: Powder coated.
Light Source: LED 4000K,
CRI >90, 50.000h life.
Control Gear: LED driver,
220-240VAC-50/60Hz.



PB - Polished aluminium reflector | 25° Beam angle

LED	UGR	W	Lm	Lm/W	η (%)	AxB (mm)	⌀	Kg	HF	DALI
	≤13	9	900	67	95	Ø136x121	Ø105	0,6	90019.L109.E0025	90019.L109.H0025
	≤13	11	1100	70	90	Ø136x121	Ø105	0,6	90019.L111.E0025	90019.L111.H0025

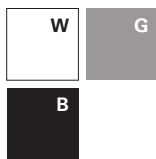
PB - Polished aluminium reflector | 35° Beam angle

LED	UGR	W	Lm	Lm/W	η (%)	AxB (mm)	⌀	Kg	HF	DALI
	≤16	9	900	70	99	Ø136x111	Ø105	0,6	90019.L109.E0035	90019.L109.H0035
	≤16	11	1100	71	91	Ø136x111	Ø105	0,6	90019.L111.E0035	90019.L111.H0035

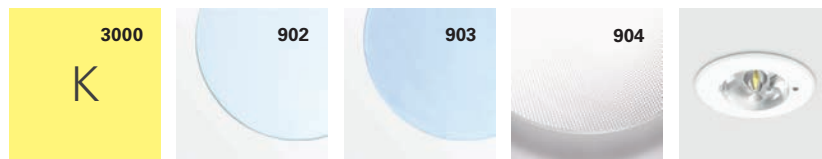
PB - Polished aluminium reflector | 60° Beam angle

LED	UGR	W	Lm	Lm/W	η (%)	AxB (mm)	⌀	Kg	HF	DALI
	≤19	9	900	69	98	Ø136x101	Ø105	0,6	90019.L109.E0060	90019.L109.H0060
	≤22	11	1100	72	93	Ø136x101	Ø105	0,6	90019.L111.E0060	90019.L111.H0060

COLOUR/FINISH



OPTIONS



Colour temperature 3000K

Transparent glass

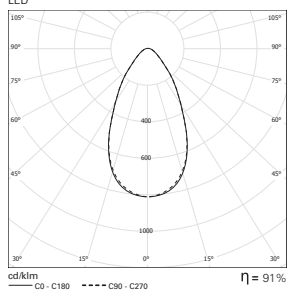
Opal glass

DAM - Microprismatic diffuser

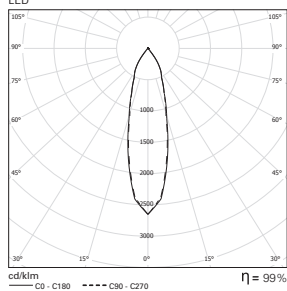
Emergency unit 3 hours on page 430

PHOTOMETRY

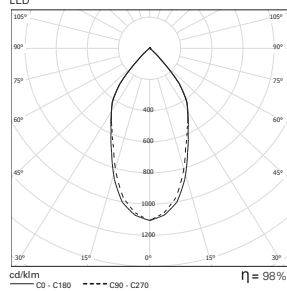
FESAL 11W 35° PB 904 LED



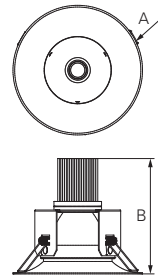
FESAL 9W 35° PB LED



FESAL 9W 60° PB LED



DIMENSIONS



TO SPECIFY:

Recessed LED downlight with aluminium body, high output aluminium reflector and integral 900/1100 lumen light engine. Beam angle can be 25°/35°/60°. Optional 3000K, IP54 version with transparent or opal 4mm tempered glass or microprismatic diffuser and 3 hours emergency available. For ceiling thicknesses of 1-25mm - as Roxo Lighting FESAL.



FOSFARI LIGHTING

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