



# OSLO

## DOWNLIGHTS



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



Body: Steel sheet.  
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(%)	AxBxC (mm)	∠	Kg	HF	DSI	DALI
	≤13	9	900	67	95	105x105x116	95x93	0,69	90021.L109.E0025	90021.L109.G0025	90021.L109.H0025
	≤13	11	1100	70	90	105x105x116	95x93	0,69	90021.L111.E0025	90021.L111.G0025	90021.L111.H0025

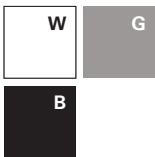
### PB - Polished aluminium reflector | 35° Beam angle

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	∠	Kg	HF	DSI	DALI
	≤16	9	900	70	99	105x105x106	95x93	0,69	90021.L109.E0035	90021.L109.G0035	90021.L109.H0035
	≤16	11	1100	71	91	105x105x106	95x93	0,69	90021.L111.E0035	90021.L111.G0035	90021.L111.H0035

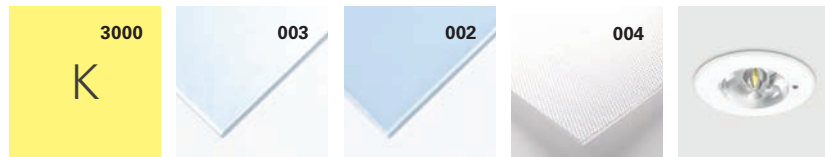
### PB - Polished aluminium reflector | 60° Beam angle

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	∠	Kg	HF	DSI	DALI
	≤19	9	900	69	98	105x105x96	95x93	0,69	90021.L109.E0060	90021.L109.G0060	90021.L109.H0060
	≤22	11	1100	72	93	105x105x96	95x93	0,69	90021.L111.E0060	90021.L111.G0060	90021.L111.H0060

### COLOUR/FINISH\*\*

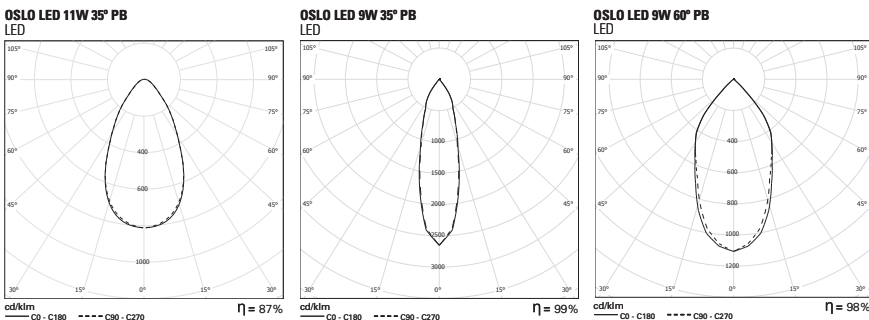


### OPTIONS

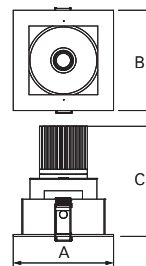


Colour temperature 3000K    Transparent glass    Opal glass    DAM - Microprismatic diffuser    Emergency unit 3 hours on page 430

### PHOTOMETRY



### DIMENSIONS



### TO SPECIFY:

Recessed adjustable LED square downlight with aluminium reflector and integral 900/1100 lumen light engine. Beam angle can be 25°/35°/60°. Optional IP54 version with transparent or opal 4mm tempered glass or microprismatic diffuser and 3000K. For ceiling thicknesses of 1-20mm – as Roxo Lighting OSLO.