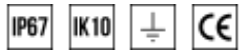


# PDN 90



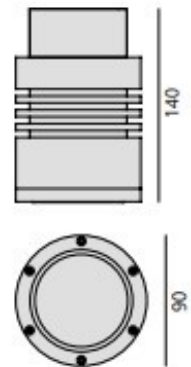
## General data:

Luminaire body:	aluminum
Mounting type:	ceiling
Ingress protection IP:	67
Operating temperature range:	from -40° to +45°
Lifetime L80B10 :	100 000h
Impact protection IK:	10



## Electrical data:

Nominal voltage:	220-240V AC
Nominal frequency:	50-60Hz
Luminaire nominal power:	3,5W, 7W
Protection class:	I
Connection:	wire 3x0,75mm <sup>2</sup>
Wiring:	standard
Connection wire:	0,25m
Dimming:	ON-OFF
Power supply:	inside the luminaire



## Optical data:

Optical system:	lens
Material:	PMMA
Light emission:	direct
Light distribution:	symmetrical, asymmetrical

## Lighting data:

Light source:	LED
Luminous flux from luminaire 3,5W, 7W:	437 lm, 874 lm
Luminous efficacy from luminaire 3,5W, 7W:	124 lm/W
Colour temperature:	2700K, 3000K, 4000K (option: 6500K)
Colour rendering index:	CRI>80 (options: CRI>90)
Colour tolerance SDCM:	SDCM<3
Tolerance of luminous flux:	+/-10%

Outdoor PDN luminaire mounted directly to the ceiling. It enables lighting of external communication routes or building facades. The optics mounted in the luminaire allows to adjust the light beam angle (from narrow to wild) to the user's needs.

**L - beam angle**

- 10 - 10 °
- 20 - 20 °
- 30 - 30 °
- 40 - 40 °
- 60 - 60 °
- 41 - 10 °x 45 °
- 8 - 8 ° wall-washing
- 45 - 45 ° wall-washing
- 02 - asymmetrical
- 03 - street light



**C - colour**

**E- electronics**

- 0 - on-off

Catalogue code	Luminaire light flux	Power	Color temperature	CRI/RA	Weight	Dimensions	Box dimensions
9149.02ELC	382lm	3,5W	2700K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9149.03ELC	411lm	3,5W	3000K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9149.04ELC	437lm	3W	4000K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9150.02ELC	764lm	7W	2700K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9150.03ELC	822lm	7W	3000K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9150.04ELC	874lm	7W	4000K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm

## Accessories

honeycomb (anti-glare)

catalogue code 90.01

