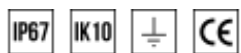


PDN 90



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:

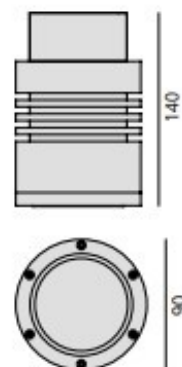
Nominal voltage:	220-240V AC
Nominal frequency:	50-60Hz
Luminaire nominal power:	3,5W, 7W
Protection class:	I
Connection:	wire 3x1mm ²
Wiring:	standard
Connection wire:	0,25m
Dimming:	ON-OFF
Power supply:	inside the luminaire

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 wide) 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

white 03	grey 06	anthracite 70	black 05

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
9150.120LC	764lm	7W(24V)	2700K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9150.130LC	822lm	7W(24V)	3000K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm
9150.140LC	874lm	7W(24V)	4000K	≥80	1,2kg	Ø90 H=140mm	200x200x200mm

Accessories

honeycomb (anti-glare)

catalogue code 90.01

