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atena lux	**PRODUCT TECHNICAL SPECIFICATION** **POINT R**	Doc. Rev. 06/21

Description: Round recessed LED downlight with direct light.

Body: aluminum body, painted white with stabilized epoxy powders UV rays, thermosetting at 180 ° C, after degreasing, phosphating and treatment wash. The device is supplied complete with brackets for fixing to the false ceiling.



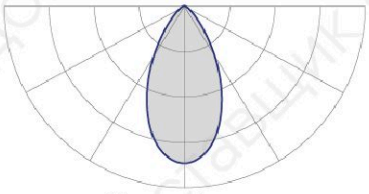
Optical group: internal reflector in metallized polycarbonate with protective lens of the LED source. 55 ° symmetrical opening beam.
Degree of protection IP40 / 20 (IP40 on the visible part, IP20 on the embedded part).

Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and sheath of PVC-HT resistant to 90 ° C according to CEI 20-20 standards.
Insulation class II.
Suitable for installation on normally flammable surfaces.

• LED version with fixed output electronic driver for independent use, included
• DALI LED dimmable version, with digital dimmable electronic driver
DALI standard for independent use, included.
On request available:
• Versions with 1 hour autonomy emergency kit.

Demonstration image

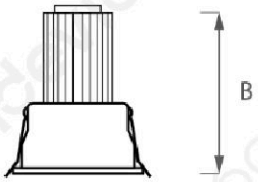
Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 and CRI> 90, color temperature 3000K or 4000K (LED diode selected 3 MacAdam ellipses in order to guarantee uniform chromaticity), duration> 150,000 hours L80 / B20 at Ta = 25 ° C.

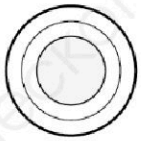


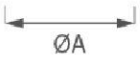
Photometric curve

Regulations: appliance complies with the following standards:

- EN 61547
- EN 55015
- EN 61000-3-2
- EN 61000-3-3
- EN 60529
- IEC/TR 62471-2
- EN 60061-1
- EN 62031
- EN 62493
- EN 60598-1
- EN 60598-2-13
- EN 62471 (risk class **0**)
- EN 62560
- EN 60968







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						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Ø A	B	Ø recessed	LED	LED DALI
5	3000	>80	693	138	A++	83	93	72	571200148	571200149
5	4000	>80	727	145	A++	83	93	72	571200150	571200151
7	3000	>80	904	129	A++	83	93	72	571200152	571200153
7	4000	>80	949	135	A++	83	93	72	571200154	571200155
9	3000	>80	1106	122	A++	83	93	72	571200156	571200157
9	4000	>80	1160	128	A++	83	93	72	571200158	571200159
11	3000	>80	1298	118	A++	83	113	72	571200160	571200161
11	4000	>80	1365	124	A++	83	113	72	571200162	571200163
13	3000	>80	1486	114	A++	83	113	72	571200164	571200165
13	4000	>80	1555	119	A++	83	113	72	571200166	571200167

						Dimensions [mm]			Code / Wiring	
Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Ø A	B	Ø recessed	LED	LED DALI
5	3000	>90	535	107	A++	83	93	72	571200168	571200173
5	4000	>90	660	132	A++	83	93	72	571200178	571200183
7	3000	>90	698	99	A++	83	93	72	571200169	571200174
7	4000	>90	862	123	A++	83	93	72	571200179	571200184
9	3000	>90	854	94	A++	83	93	72	571200170	571200175
9	4000	>90	1053	117	A++	83	93	72	571200180	571200185
11	3000	>90	1001	91	A++	83	113	72	571200171	571200176
11	4000	>90	1059	96	A++	83	113	72	571200181	571200186
13	3000	>90	1141	87	A++	83	113	72	571200172	571200177
13	4000	>90	1207	92	A++	83	113	72	571200182	571200187

* Actual flow may have a tolerance of ± 10%.

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