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atena lux	**PRODUCT TECHNICAL SPECIFICATION** **CIRCLE optics MOT**	Doc. Rev. 06/21

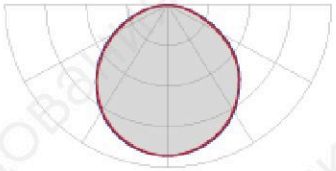
Description: Direct light fixture suitable for ceiling installation using the supplied fixing bracket or suspended using fixing accessories to be ordered separately.



Demonstration image

Body: in 6060 alloy extruded aluminum profile, painted in matt black (RAL 9005 matt) or matt white (RAL 9010 matt) with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment. Other colors according to the RAL range and metallic finishes are available on request.

Optical group: **MOT** high transmittance opal methacrylate diffuser. It offers excellent light diffusion with high uniformity. Optics resistant to glow-wire test at 650 ° C according to CEI EN 60695-2-11 standards.
Degree of protection: IP40.



Photometric curve

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. Terminal block with maximum section of cables allowed 2.5 mm². Insulation class I.
Suitable for installation on normally flammable surfaces.



RGB remote control

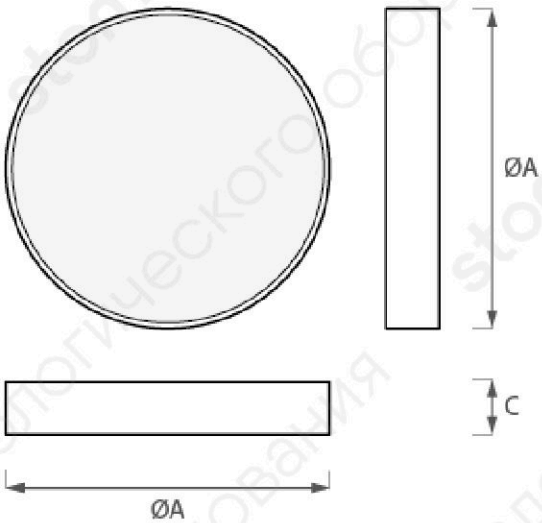
- LED version with electronic driver with fixed output (ON / OFF), included
- DALI LED dimmable version, with DALI dimmable electronic driver included.
- LED + RGB + RC version with fixed output electronic driver included for the light white and electronic driver with fixed output with RGB + control unit remote controller.
- DALI + RGB + RC LED version with DALI dimmable electronic driver for the light white and electronic driver with fixed output with RGB + control unit remote controller.
- DALI TUNABLE LED version with electronic driver included DALI standard.

Versions with emergency kit (1/3 hours of autonomy) are available on request.

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K and 4000K (selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity).
LED TUNABLE WHITE 2700-6500K versions available on request.
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations:

- 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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BLACK RAL 9005

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] Ø A	Dimensions [mm] C	Code / Wiring LED	Code / Wiring LED DALI
25	3000	>80	3575	143	A++	450	140	364100044	364100046
25	4000	>80	3760	150	A++	450	140	364100048	364100050
28	3000	>80	3800	136	A++	610	140	364100052	364100054
28	4000	>80	4015	143	A++	610	140	364100056	364100058
57	3000	>80	7660	134	A++	850	140	364100060	364100062
57	4000	>80	8085	141	A++	850	140	364100064	364100066
102	3000	>80	13800	135	A++	1130	140	364100068	364100070
102	4000	>80	14590	143	A++	1130	140	364100072	364100074
								LED + RGB + RC	LED DALI + RGB + RC
25+20	3000+RGB	>80	3575	143	A++	450	140	364100076	364100078
25+20	4000+RGB	>80	3760	150	A++	450	140	364100080	364100082
28+28	3000+RGB	>80	3800	136	A++	610	140	364100084	364100086
28+28	4000+RGB	>80	4015	143	A++	610	140	364100088	364100090
57+38	3000+RGB	>80	7660	134	A++	850	140	364100092	364100094
57+38	4000+RGB	>80	8085	141	A++	850	140	364100096	364100098
102+52	3000+RGB	>80	13800	135	A++	1130	140	364100100	364100102
102+52	4000+RGB	>80	14590	143	A++	1130	140	364100104	364100106
								LED DALI TUNABLE	
28	2700+6500	>80	3800	136	A++	610	140	364100108	
57	2700+6500	>80	7660	134	A++	850	140	364100110	
102	2700+6500	>80	14590	143	A++	1130	140	364100112	

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

WHITE RAL 9010

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] Ø A	Dimensions [mm] C	Code / Wiring LED	Code / Wiring LED DALI
25	3000	>80	3575	143	A++	450	140	364100045	364100047
25	4000	>80	3760	150	A++	450	140	364100049	364100051
28	3000	>80	3800	136	A++	610	140	364100053	364100055
28	4000	>80	4015	143	A++	610	140	364100057	364100059
57	3000	>80	7660	134	A++	850	140	364100061	364100063
57	4000	>80	8085	141	A++	850	140	364100065	364100067
102	3000	>80	13800	135	A++	1130	140	364100069	364100071
102	4000	>80	14590	143	A++	1130	140	364100073	364100075
								LED + RGB + RC	LED DALI + RGB + RC
25+20	3000+RGB	>80	3575	143	A++	450	140	364100077	364100079
25+20	4000+RGB	>80	3760	150	A++	450	140	364100081	364100083
28+28	3000+RGB	>80	3800	136	A++	610	140	364100085	364100087
28+28	4000+RGB	>80	4015	143	A++	610	140	364100089	364100091
57+38	3000+RGB	>80	7660	134	A++	850	140	364100093	364100095
57+38	4000+RGB	>80	8085	141	A++	850	140	364100097	364100099
102+52	3000+RGB	>80	13800	135	A++	1130	140	364100101	364100103
102+52	4000+RGB	>80	14590	143	A++	1130	140	364100105	364100107
								LED DALI TUNABLE	
28	2700+6500	>80	3800	136	A++	610	140	364100109	
57	2700+6500	>80	7660	134	A++	850	140	364100111	
102	2700+6500	>80	14590	143	A++	1130	140	364100113	

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

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INSTALLATION ACCESSORIES



COD. **KS201303**

Suspension kit consisting of round model canopy diam. 100x h.22 mm matt black (RAL9005 matt), with 2P + T terminal block, hole for 3-pole transparent cable L = 2000mm and 3 metal cables L = 2000mm.



COD. **KS201305**

Suspension kit consisting of round model canopy diam. 100x h.22 mm matt black (RAL9005 matt), with 4P + T terminal block, hole for 5-pole transparent cable L = 2000mm and 3 metal cables L = 2000mm.



COD. **KS201263**

Suspension kit consisting of round model canopy diam. 100x h.22 mm matt white (RAL9010 matt), with 2P + T terminal block, hole for 3-pole transparent cable L = 2000mm and 3 metal cables L = 2000mm.



COD. **KS201265**

Suspension kit consisting of round model canopy diam. 100x h.22 mm matt white (RAL9010 matt), with 4P + T terminal block, hole for 5-pole transparent cable L = 2000mm and 3 metal cables L = 2000mm.



COD. **KS20026M**

Round model suspension rose diam. 100x h.22 mm matt white painted (RAL9010 matt).



COD. **KS20030M**

Round model suspension rose diam. 100x h.22 mm matt black painted (RAL9005 matt).



COD. **KS001**

Suspension cable L = 2000mm
To be provided 3 pcs for each lamp.



COD. **CVTxX075L020**

Transparent power cable. L = 2000m Ø 0,75mmq
Cable available with 3-5-7 poles related to the selected wiring configuration.
Change the red x to the required number of poles.

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