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

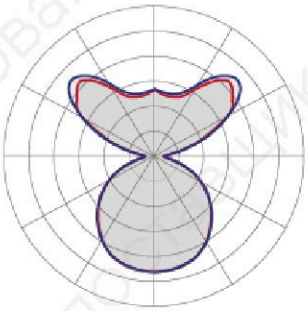
Description: Indirect and direct luminaire with round shape, with light ring, available in different diameters, with a height of only 57 mm. Suitable for installation a suspension using fixing accessories to be ordered separately.

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.



Demonstration image

Optical group: Direct component: MOT flat optic composed of a smooth opal methacrylate diffuser with high transmittance, fixed inside the lamp body.
Indirect component: Flat optic composed of a translucent translucent polycarbonate sheet, fixed to the outside of the lamp body. Optics resistant to glow-wire test at 650 ° C according to CEI EN 60695-2-11 standards.
Protection degree IP40.



Photometric curve

Wiring: 24V 0Hz power supply. LED wiring with transparent cable, sect. 1 mm², maximum length 2.5 meters. Insulation class III.
Suitable for installation on normally flammable surfaces.
Possibility of having an external power supply and possible control unit for use independent 220V-240V 50-60Hz / 24V 0Hz in the versions:

- 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.

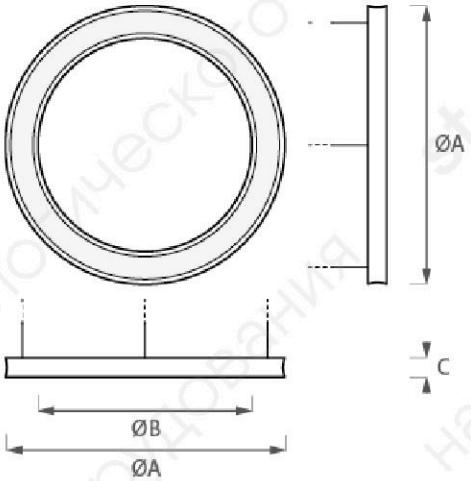


RGB Remote control

Luminous source: LED strip, color rendering IRC> 90 or IRC> 80, color temperature 3000K or 4000K (LED diode selected 3 MacAdam ellipses in order to guarantee uniform chromaticity). Full color RGB LED strip. Duration> 40000 hours L70 / B50 at Ta = 25 ° C.

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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Matt black RAL 9005 version

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A	B	C	Code / Wiring LED	LED DALI
100	3000	>80	5200	52	A++	850	650	57	364300016	364300017
100	4000	>80	5700	57	A++	850	650	57	364300010	364300011
160	3000	>80	8320	52	A++	1300	1100	57	364300019	364300020
160	4000	>80	9120	57	A++	1300	1100	57	364300008	364300018
215	3000	>80	11180	52	A++	1700	1500	57	364300021	364300022
215	4000	>80	12255	57	A++	1700	1500	57	364300009	364300012

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

Matt black RAL 9005 version

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A	B	C	Code / Wiring LED + RGB + RC	LED DALI + RGB + RC
72	RGB	>80	-	-	A++	850	650	57	364300023	364300062
115	RGB	>80	-	-	A++	1300	1100	57	364300024	364300063
155	RGB	>80	-	-	A++	1700	1500	57	364300025	364300064

* Not considered on RGB LEDs

Matt black RAL 9005 version

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A	B	C	Code / Wiring LED DALI TUNABLE
100	2700-6500	>80	5700	57	A++	850	650	57	364300065
160	2700-6500	>80	9120	57	A++	1300	1100	57	364300066
215	2700-6500	>80	12255	57	A++	1700	1500	57	364300067

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

Matt white RAL 9010 version

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A	B	C	Code / Wiring LED	LED DALI
100	3000	>80	5200	52	A++	850	650	57	364300029	364300030
100	4000	>80	5700	57	A++	850	650	57	364300031	364300032
160	3000	>80	8320	52	A++	1300	1100	57	364300033	364300034
160	4000	>80	9120	57	A++	1300	1100	57	364300035	364300036
215	3000	>80	11180	52	A++	1700	1500	57	364300037	364300038
215	4000	>80	12255	57	A++	1700	1500	57	364300039	364300040

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

Matt white RAL 9010 version

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A	B	C	Code / Wiring LED + RGB + RC	LED DALI + RGB + RC
72	RGB	>80	-	-	A++	850	650	57	364300041	364300068
115	RGB	>80	-	-	A++	1300	1100	57	364300042	364300069
155	RGB	>80	-	-	A++	1700	1500	57	364300043	364300070

* Not considered on RGB LEDs

Matt white RAL 9010 version

Power [W]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm] A	B	C	Code / Wiring LED DALI TUNABLE
100	2700-6500	>80	5700	57	A++	850	650	57	364300071
160	2700-6500	>80	9120	57	A++	1300	1100	57	364300072
215	2700-6500	>80	12255	57	A++	1700	1500	57	364300073

* 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 provide 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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