



**Description:** LED direct light fixture suitable for ceiling installation. ABS spacers supplied.

**Body:** steel sheet, painted in matt white (RAL 9003 matt) with thermosetting epoxy powders at 180 ° C, after degreasing, phosphating and washing treatment.

**Optical group:** DLM optic in specular aluminum. Controlled light emission optics with luminance values <math><3000\text{ cd / m}^2</math> for emission angles above 65 ° on all planes (UGR <math><19</math>) and therefore compliant to be installed in environments with the use of video terminals according to UNI EN 12464- 1.

Degree of protection: **IP20**.

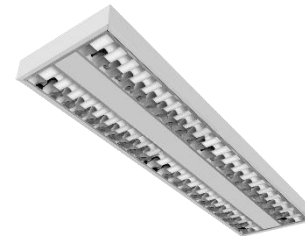
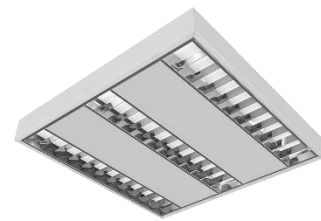
**Wiring:** power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm<sup>2</sup> and PVC-HT sheath resistant to 90 ° C according to CEI 20-20 standards. Terminal block with maximum allowed cable cross section of 2.5 mm<sup>2</sup>. Insulation class I. Suitable for installation on normally flammable surfaces.

- LED version with electronic driver with fixed output (ON / OFF), included
  - DALI LED dimmable version, with DALI dimmable electronic driver included.
- Versions with emergency kit (1/3 hours of autonomy) are available on request.

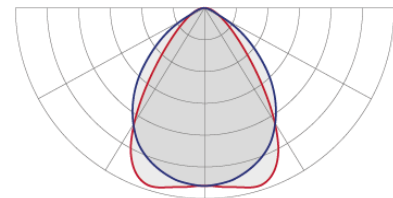
**Luminous source:** High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 3000K and 4000K (selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity).

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.



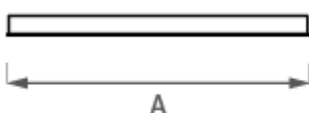
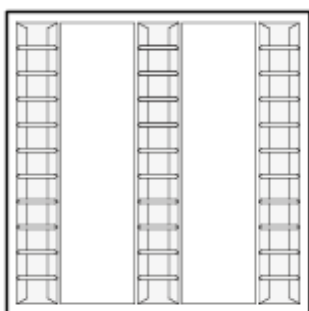
Demonstration image



Photometric curve

**Regulations:** luminaire in conformity with:

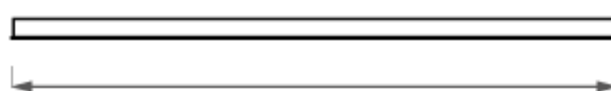
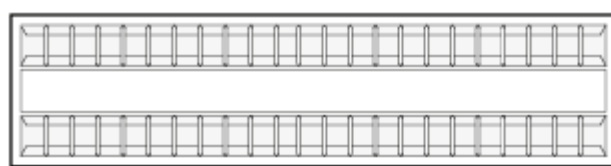
- |                 |                  |                           |
|-----------------|------------------|---------------------------|
| • EN 61547      | • IEC/TR 62471-2 | • EN 60598-2-2            |
| • EN 55015      | • EN 60061-1     | • EN 62471 (risk class 0) |
| • EN 61000-3-2  | • EN 62031       | • EN 62560                |
| • EN 61000-3-3  | • EN 62493       | • EN 60968                |
| • EN 61347-1    | • EN 60598-1     | • CEI 76-10               |
| • EN 61347-2-13 | • EN 60598-2-1   | • EN 60529                |



3X version



580mm x 580mm  
280mm x 1180mm



2X version



atena lux®

# PRODUCT TECHNICAL SPECIFICATION

## SLIM/P optics DLM

Doc.

Rev. 06/21

Power [W]	N° optics	Color temperature [K]	CRI	Effective Flux [lm] *	Efficiency [lm/W]	Energetic Class	A	B	C	LED	LED DALI
31	3	3000K	>80	3534	114	A++	620	620	52	355100090	355100091
31	3	4000K	>80	3813	123	A++	620	620	52	355100092	355100093
39	3	3000K	>80	4446	114	A++	620	620	52	355100094	355100095
39	3	4000K	>80	4797	123	A++	620	620	52	355100096	355100097
54	3	3000K	>80	6156	114	A++	620	620	52	355100098	355100099
54	3	4000K	>80	6642	123	A++	620	620	52	355100100	355100101
30	2	3000K	>80	3420	114	A++	320	1220	52	355100102	355100103
30	2	4000K	>80	3690	123	A++	320	1220	52	355100104	355100105
41	2	3000K	>80	4674	114	A++	320	1220	52	355100106	355100107
41	2	4000K	>80	5043	123	A++	320	1220	52	355100108	355100109
52	2	3000K	>80	5928	114	A++	320	1220	52	355100110	355100111
52	2	4000K	>80	6396	123	A++	320	1220	52	355100112	355100113

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