stomdevice

atena lux	**PRODUCT TECHNICAL SPECIFICATION** **IGLOO INOX EXTREME optics CPT**	Doc. Rev. 06/21

Description: LED fixture with direct light, particularly suitable for installation in harsh environments, resistant to impacts (IK10), water jets and corrosive environments. Can be installed on ceiling, wall and suspension. Suspension chains not included. Wall fixing brackets to be ordered separately.



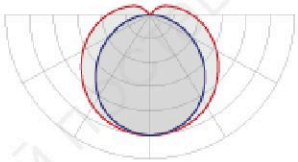
Body: Injection molded in gray polycarbonate (RAL 7035), UV stabilized, self-extinguishing V2.
Luminaire with high mechanical resistance, thanks to the structure reinforced by internal ribs (IK10).

Optical group: luminaire consisting of:
• internal reflector, made of sheet steel with longitudinal reinforcement veins and flat reflecting surface. Painting with white polyester resin, stabilized to UV rays;
• CPT diffuser in translucent polycarbonate with very high yield and uniformity, injection molded, UV stabilized, with excellent mechanical and elastic characteristics. Highly resistant closing clips in stainless steel. Upon request, the diffuser can be fixed to the luminaire body by using glass fiber and polyamide (IGLOO LED) closing clips.
Protection degree IP66.



Demonstration image

Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm^2 and PVCHT sheath 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 standard digital dimmable electronic driver DALI for independent use, included.
On request available:
- Versions with 1/3 hour autonomy emergency kit.



Photometric curve

Luminous source: High efficiency LEDs arranged on rigid modules, color rendering CRI> 80 (CRI> 90 available on request), color temperature 4000K (selected LED diode 3 MacAdam ellipses in order to guarantee uniform chromaticity).
Life of the sources in normal conditions: over 50,000 hours L90 / B10 at Ta = 25 ° C.
95mm wide version operating temperature from -40 ° C up to 65 ° C.
145mm wide version operating temperature from -40 ° C up to 70 ° 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

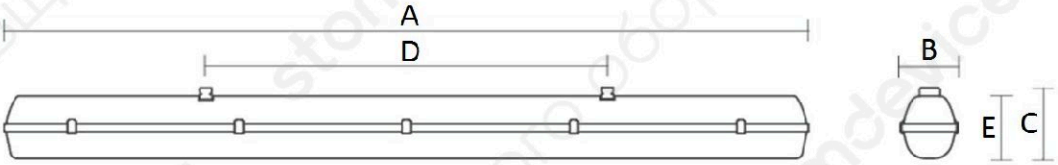


Fig. 1 – Dimensions 95mm in width

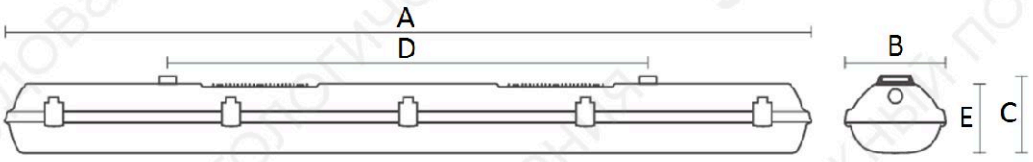


Fig. 2 – Dimensions 145mm in width

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Power [W]	MAX operating temperature [° C]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Dimensions [mm]					Code / Wiring	
							A	B	C	D	E	LED	LED DALI
24	65°	4000K	>80	3550	147	A++	1572	95	111	940	100	471000295	471000296
33	60°	4000K	>80	4780	144	A++	1572	95	111	940	100	471000297	471000298
24	70°	4000K	>80	3550	147	A++	1452	145	111	940	100	471000299	471000300
33	65°	4000K	>80	4780	144	A++	1452	145	111	940	100	471000301	471000302
38	65°	4000K	>80	5730	150	A++	1172	145	111	700	100	471000303	471000304
52	60°	4000K	>80	7640	146	A++	1172	145	111	700	100	471000305	471000306
48	65°	4000K	>80	7110	148	A++	1452	145	111	940	100	471000307	471000308
65	60°	4000K	>80	9550	146	A++	1452	145	111	940	100	471000309	471000310

* Actual flow can have a tolerance of ± 10%.
** These products are equipped with a transparent polycarbonate diffuser and a reflector to allow narrow narrow beam emission

INSTALLATION ACCESSORIES



COD. **KPR459023**

Adjustable wall fixing bracket.
Material white painted galvanized steel sheet.
Including fixing screws.
2-piece kit.



COD. **GBP4610010001**

White painted metal protection cage. Dim.700x220x130 mm



COD. **GBP4610010002**

White painted metal protection cage. Dim.1300x220x130 mm



COD. **GBP4610010003**

White painted metal protection cage. Dim.1600x220x130 mm

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ