



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 steel sheet 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 fiberglass and polyamide. On request, the diffuser can be fixed to the luminaire body by using stainless steel closing clips (IGLOO INOX LED).
- Protection degree IP66.

Wiring: power supply 220-240V 50 / 60Hz with rigid cable, sect. 0.50 mm² and PVC 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.

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.

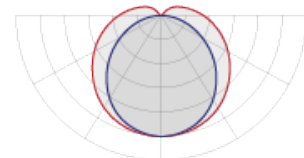
Life of the sources in normal conditions: over 50,000 hours L80 / B10 at Ta = 25 ° C.

Regulations: appliance complies with the following standards:

- | | | |
|----------------|------------------|---------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-13 |
| • 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 60529 | • EN 60598-1 | |



Demonstration image



Photometric curve

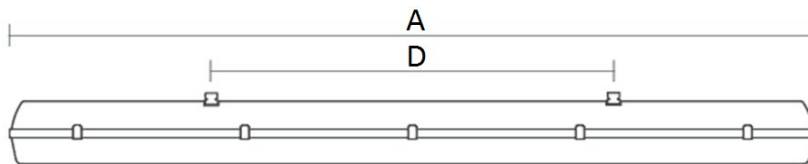


Fig. 1 – Dimensions 95mm in width

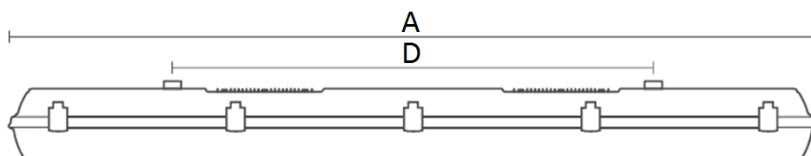
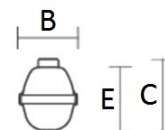
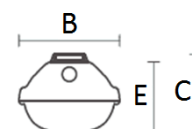


Fig. 2 – Dimensions 145mm in width





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
10	45°	4000K	>80	1260	126	A++	662	95	111	350	100	461000234	461000289
12	45°	4000K	>80	1510	126	A++	662	95	111	350	100	461000341	461000342
15	40°	4000K	>80	1950	130	A++	662	95	111	350	100	461000290	461000291
18	45°	4000K	>80	2320	129	A++	1272	95	111	700	100	461000374	461000375
22	45°	4000K	>80	2860	130	A++	1272	95	111	700	100	461000300	461000326
30	40°	4000K	>80	3920	131	A++	1272	95	111	700	100	461000252	461000292
43	40°	4000K	>80	5650	131	A++	1272	95	111	700	100	461000466	461000467
22	45°	4000K	>80	2810	128	A++	1572	95	111	940	100	461000351	461000352
27	45°	4000K	>80	3530	131	A++	1572	95	111	940	100	461000353	461000316
37	40°	4000K	>80	4940	134	A++	1572	95	111	940	100	461000147	461000293
54	40°	4000K	>80	7090	131	A++	1572	95	111	940	100	461000468	461000469

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-E	LED-E DALI
18	25°	4000K	>80	2320	129	A++	1272	95	111	700	100	461000381	461000378
22	25°	4000K	>80	2860	130	A++	1272	95	111	700	100	461000330	461000379
30	25°	4000K	>80	3920	131	A++	1272	95	111	700	100	461000339	461000380
22	25°	4000K	>80	2810	128	A++	1572	95	111	940	100	461000381	461000382
27	25°	4000K	>80	3530	131	A++	1572	95	111	940	100	461000340	461000383
37	25°	4000K	>80	4940	134	A++	1572	95	111	940	100	461000384	461000385

Power [W]	MAX operating temperature [° C]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Tabella dimensioni [mm]					Tabella codici / cablaggi	
							A	B	C	D	E	LED	LED DALI
18	50°	4000K	>80	2490	138	A++	612	145	111	475	100	461000235	461000294
22	50°	4000K	>80	3050	138	A++	612	145	111	475	100	461000325	461000327
30	45°	4000K	>80	4230	141	A++	612	145	111	475	100	461000141	461000295
35	50°	4000K	>80	4910	140	A++	1172	145	111	700	100	461000218	461000376
42	50°	4000K	>80	5880	140	A++	1172	145	111	700	100	461000434	461000328
58	45°	4000K	>80	8110	139	A++	1172	145	111	700	100	461000139	461000286
85	35°	4000K	>80	11900	140	A++	1172	145	111	700	100	461000525	461000526
44	50°	4000K	>80	6190	140	A++	1452	145	111	940	100	461000154	461000296
53	50°	4000K	>80	7440	140	A++	1452	145	111	940	100	461000321	461000319
71	45°	4000K	>80	9950	140	A++	1452	145	111	940	100	461000158	461000297
106	35°	4000K	>80	14810	139	A++	1452	145	111	940	100	461000524	461000514
106**	30°	4000K	>80	14810	139	A++	1452	145	111	940	100	461000527	461000528

Power [W]	MAX operating temperature [° C]	Color temperature [K]	CRI	Effective flux [lm] *	Efficiency [lm/W]	Energetic class	Tabella dimensioni [mm]					Tabella codici / cablaggi	
							A	B	C	D	E	LED-E	LED-E DALI
18	25°	4000K	>80	2490	138	A++	612	145	111	475	100	461000386	461000387
22	25°	4000K	>80	3050	138	A++	612	145	111	475	100	461000388	461000389
30	25°	4000K	>80	4230	141	A++	612	145	111	475	100	461000390	461000391
35	25°	4000K	>80	4910	140	A++	1172	145	111	700	100	461000392	461000393
42	25°	4000K	>80	5880	140	A++	1172	145	111	700	100	461000329	461000394
58	25°	4000K	>80	8110	139	A++	1172	145	111	700	100	461000395	461000396
44	25°	4000K	>80	6190	140	A++	1452	145	111	940	100	461000397	461000398
53	25°	4000K	>80	7440	140	A++	1452	145	111	940	100	461000322	461000399
71	25°	4000K	>80	9950	140	A++	1452	145	111	940	100	461000400	461000401

* 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 ACCESSORIESCOD. **KPR461023**

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