



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.

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

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 -25 ° C up to 45 ° C (+ 25 ° C for versions with integrated emergency kit). EXTREME versions available operating temperature from -40 ° C up to 65 ° C.

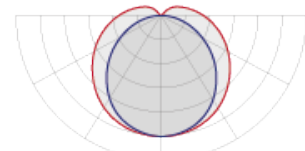
145mm wide version operating temperature from -25 ° C up to 50 ° C (+ 25 ° C for versions with integrated emergency kit). EXTREME versions available. Operating temperature from -40 ° C up to 70 ° C.

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

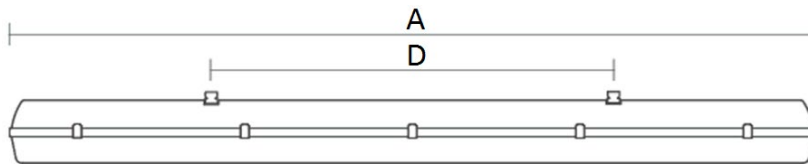


Fig. 1 – Dimensions 95mm in width

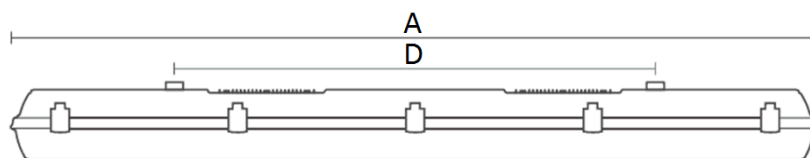


Fig. 2 – Dimensions 145mm in width



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	471000216	471000236
12	45°	4000K	>80	1510	126	A++	662	95	111	350	100	471000187	471000239
15	40°	4000K	>80	1950	130	A++	662	95	111	350	100	471000242	471000243
18	45°	4000K	>80	2320	129	A++	1272	95	111	700	100	471000188	471000246
22	45°	4000K	>80	2860	130	A++	1272	95	111	700	100	471000217	471000249
30	40°	4000K	>80	3920	131	A++	1272	95	111	700	100	471000197	471000231
43	40°	4000K	>80	5650	131	A++	1272	95	111	700	100	471000219	471000254
22	45°	4000K	>80	2810	128	A++	1572	95	111	940	100	471000194	471000257
27	45°	4000K	>80	3530	131	A++	1572	95	111	940	100	471000185	471000260
37	40°	4000K	>80	4940	134	A++	1572	95	111	940	100	471000211	471000218
54	40°	4000K	>80	7090	131	A++	1572	95	111	940	100	471000220	471000226

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	471000247	471000248
22	25°	4000K	>80	2860	130	A++	1272	95	111	700	100	471000250	471000251
30	25°	4000K	>80	3920	131	A++	1272	95	111	700	100	471000252	471000253
22	25°	4000K	>80	2810	128	A++	1572	95	111	940	100	471000258	471000259
27	25°	4000K	>80	3530	131	A++	1572	95	111	940	100	471000261	471000262
37	25°	4000K	>80	4940	134	A++	1572	95	111	940	100	471000263	471000264

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
18	50°	4000K	>80	2490	138	A++	612	145	111	475	100	471000212	471000266
22	50°	4000K	>80	3050	138	A++	612	145	111	475	100	471000183	471000269
30	45°	4000K	>80	4230	141	A++	612	145	111	475	100	471000213	471000272
35	50°	4000K	>80	4910	140	A++	1172	145	111	700	100	471000275	471000276
42	50°	4000K	>80	5880	140	A++	1172	145	111	700	100	471000279	471000280
58	45°	4000K	>80	8110	139	A++	1172	145	111	700	100	471000196	471000225
85	35°	4000K	>80	11900	140	A++	1172	145	111	700	100	471000284	471000285
44	50°	4000K	>80	6190	140	A++	1452	145	111	940	100	471000208	471000286
53	50°	4000K	>80	7440	140	A++	1452	145	111	940	100	471000214	471000224
71	45°	4000K	>80	9950	140	A++	1452	145	111	940	100	471000207	471000290
106	35°	4000K	>80	14810	139	A++	1452	145	111	940	100	471000293	471000294

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	2490	138	A++	612	145	111	475	100	471000267	471000268
22	25°	4000K	>80	3050	138	A++	612	145	111	475	100	471000270	471000271
30	25°	4000K	>80	4230	141	A++	612	145	111	475	100	471000273	471000274
35	25°	4000K	>80	4910	140	A++	1172	145	111	700	100	471000277	471000278
42	25°	4000K	>80	5880	140	A++	1172	145	111	700	100	471000281	471000282
58	25°	4000K	>80	8110	139	A++	1172	145	111	700	100	471000228	471000283
44	25°	4000K	>80	6190	140	A++	1452	145	111	940	100	471000209	471000287
53	25°	4000K	>80	7440	140	A++	1452	145	111	940	100	471000288	471000289
71	25°	4000K	>80	9950	140	A++	1452	145	111	940	100	471000291	471000292

* 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. **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