

Indoor luminaire, dust and water proof, impact resistant

FIPAD GX LED



	EN IEC 60598	RoHS	IP66	IK08		-25°C....+40°C +5°C÷+35°C(EM)	WARRANTY 5 years	MAX 55W LED
---	-------------------------	-------------	-------------	-------------	---	--	-----------------------------	--------------------

General specifications

Product name	FIPAD GX LED
Application Area	General interior lighting in humid environments with non-combustible dust: industrial halls, warehouses, gyms, workshops. Covered outdoor areas (only under a roof, canopy, or dome that protects the light fixtures from sunlight): bus stations, waiting stations, garages, underground parking lots, subway tunnels, covered warehouses, corridors, stairs.
Advantages	– Low energy consumption – Extended lifespan – Modern design – High impact-resistance – Reduced maintenance costs
Light source	LED
Colour temperature	4000
Colour rendering index (CRI)	≥80
Light distribution	symmetrical
Protection against dust and water (IP)	IP66
Mechanical impact protection (IK)	IK08
Operating temperature range	-25°C...+40°C
Warranty	5 years

Electrical specifications

Nominal voltage	230 Vac
Frequency (Hz)	50-60 Hz
Power factor	≥0,95
LED lifetime	100.000 hours
Driver	Ajustable settings (DIP-SWITCH), 4 levels.



Technical specifications

Housing	ABS
Diffuser	Opal polycarbonate (PC)
LED track	Stainless steel, electrostatically powder-coated in white (RAL 9003)
Closure	Polypropylene – ensures the connection between the housing and the diffuser during the opening of the lighting fixture.



Accessories-standard variants	Accessories for standard versions that allow inline mounting of the product, cable gland seal: • PG13 nipple – 1 piece • Concrete fixing plugs (dowels) – 4 pieces • Cable gland seal – 1 piece
Variants upon request	– On request, the product can be equipped with LEDs of different color temperatures within the range: 3000K–6500K, CRI≥70/80; LEDs with colored light spectrum, ideal for zootechnical applications (RGB). – Equipped with stainless steel mounting clamps – Equipped with stainless steel clips for securing the diffuser; – equipped with a PMMA diffuser; – Equipped with a protective grid.

Mounting

- Surface mounted on ceiling or wall with screws and mounting clamps included in the product.
- Suspended with stainless steel hangers (hooks), which are ordered separately.
- If the lighting fixtures are to be regularly exposed to vapors of chemical substances present in the surrounding atmosphere, please contact the manufacturer beforehand.
- Maximum recommendation for inline installation of the products depends on the fuse used and the conductor thickness. On request, an inline installation kit can also be ordered (PG13 gland, conductor, 3-pole screw clamp).
- Cable outlet can be made through at least 5 zones depending on the routing of the power cables.

C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	I _{max}	Time
29	38	47	58	29	38	47	58	12 A	37 μs

- Stainless steel mounting clips for surface installation; the housing features a design that permits fixture adjustment to enable precise inline alignment.



Standards and certifications

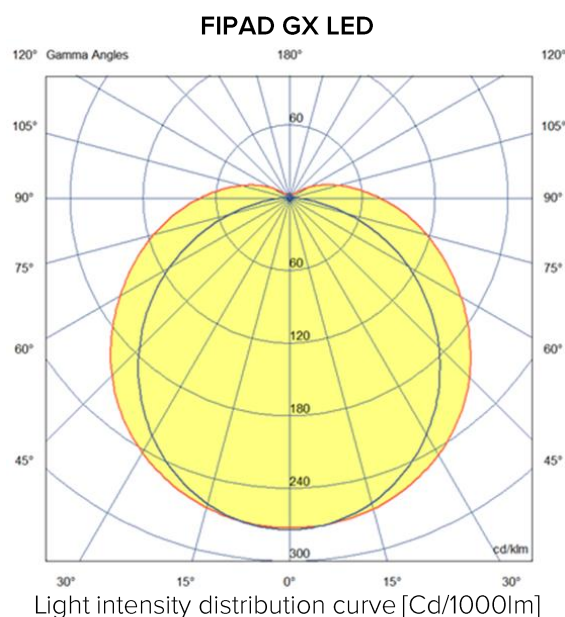
Standards

EN IEC 60598-1
EN IEC 60598-2-1

In compliance with European Directives:

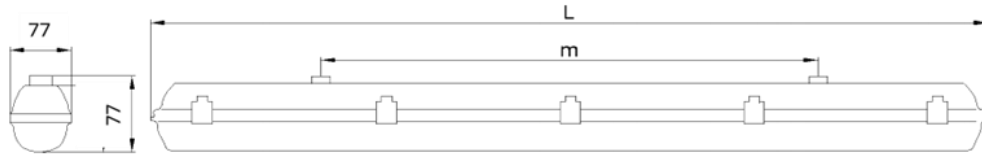
- Electromagnetic Compatibility Directive
- Low Voltage Directive
- RoHS Directive
- WEEE Directive.

Photometric data



Dimensional characteristics

FIPAD GX LED



Tip produs	L [mm]	m [mm]	l [mm]	h [mm]
FIPAD GX LED 0.6M	610	300±75	78	76
FIPAD GX LED 1.2M	1210	840±75	78	76
FIPAD GX LED 1.5M	1505	1140±75	78	76

Codes annex

Product type	Lg. [mm]	Product code	Nominal voltage [V]	Active power [W]	Power factor	Protection degree	Degree of protection against electric shock	IK	Weight [Kg]	Total LED flux [lm]	Net luminous efficacy [lm/W]
FIPAD GX LED 0.6M IP66 840	600	23419110									
		Set 1	230	12.4	≥0.95	IP66	I	IK08	0.71	1863	150
		Set 2		15.5		IP66	I	IK08		2270	146
		Set 3		18.8		IP66	I	IK08		2606	139
		Set 4		21.6		IP66	I	IK08		3000	139
FIPAD GX LED 1.2M IP66 840	1200	23419112									
		Set 1	230	22.9	≥0.95	IP66	I	IK08	1.26	3590	157
		Set 2		29.1		IP66	I	IK08		4450	153
		Set 3		34.8		IP66	I	IK08		5140	148
		Set 4		41.5		IP66	I	IK08		6150	148
FIPAD GX LED 1.5M IP66 840	1500	23419115									
		Set 1	230	29.2	≥0.95	IP66	I	IK08	1.58	4560	156
		Set 2		36.6		IP66	I	IK08		5570	152
		Set 3		44.6		IP66	I	IK08		6300	141
		Set 4		53		IP66	I	IK08		7135	135
FIPAD GX LED 3063LM 23.2W 0.6M IP66 840 1H	600	23419111	230	23.2		IP66	I	IK08	1.01	3063	132
FIPAD GX LED 5140LM 36.8W 1.2M IP66 840 3H	1200	23419114	230	36.8		IP66	I	IK08	1.56	5140	140
FIPAD GX LED 6150LM 43W 1.2M IP66 840 1H	1200	23419113	230	43		IP66	I	IK08	1.56	6150	143
FIPAD GX LED 7200LM 54.3W 1.5M IP66 840 1H	1500	23419116	230	54.3		IP66	I	IK08	1.88	7200	133
FIPAD GX LED 7135LM 55W 1.5M IP66 840 3H	1500	23419117	230	55		IP66	I	IK08	1.88	7135	130

Presence and light level sensor											
FIPAD GX LED 3063LM 21.6W 0.6M IP66 840 S	600	23419122	230	21.6	IP66	I	IK08	0.81	3000	139	
FIPAD GX LED 6150LM 41.5W 1.2M IP66 840 S	1200	23419123	230	41.5	IP66	I	IK08	1.36	6150	148	
FIPAD GX LED 6150LM 43W 1.2M IP66 840 1H S	1200	23419269	230	43	IP66	I	IK08	1.66	6150	143	
FIPAD GX LED 6150LM 43W 1.2M IP66 840 3H S	1200	23419270	230	43	IP66	I	IK08	1.66	6150	143	
FIPAD GX LED 7200LM 52.3W 1.5M IP66 840 S	1500	23419124	230	54.3	IP66	I	IK08	1.68	7200	133	
FIPAD GX LED 7200LM 52.3W 1.5M IP66 840 1H S	1500	23419271	230	54.3	IP66	I	IK08	1.98	7200	133	
FIPAD GX LED 7200LM 52.3W 1.5M IP66 840 3H S	1500	23419272	230	54.3	IP66	I	IK08	1.98	7200	133	
In-line mounting kit 3X1.5											
IN-LINE MOUNTING KIT 3F1.5 FIPAD GX LED 0.6M		03122428									
IN-LINE MOUNTING KIT 3F1.5 FIPAD GX LED 1.2M		03222428									
IN-LINE MOUNTING KIT 3F1.5 FIPAD GX LED 1.5M		03322428									
Stainless steel diffuser fixing clips kit											
STAINLESS STEEL CLIPS KIT FIPAD GX 0.6M		03122918									
STAINLESS STEEL CLIPS KIT FIPAD GX 1.2M		03222918									
STAINLESS STEEL CLIPS KIT FIPAD GX 1.5M		03322918									

840 = 4000K, CRI ≥80;

1H/3H = equipped with emergency kit (1 or 3 hours);

S = equipped with sensor.

The values are approximate and may be subject to change.

The tolerance of the initial flux and initial active power is ±10% of the specified value. These values are measured at an ambient temperature of 25°C unless another temperature is specified.

ELBA S.A. continuously develops its products. We reserve the right to modify the technical specifications to improve our products, without prior notice or public announcement. © ELBA S.A.

Accessories



Sensor-equipped (order code on request)



Stainless steel mounting clips+wall plugs (equipped in product)



Hangers for suspended mounting (order code on request)



Diffuser fixing clips (equipped in factory)



Nylon collar for supporting the optical sub-assembly (equipped in factory)



Quick connectors for power supply mounted on the housing (order code on request)



LiFePo4 EMERGENCY KIT (order code on request)



Clamps for securing the stainless steel diffuser (order code on request)



Protective grid (order code on request)