



LED INTEGRATED luminaire specific designed for extreme conditions with a higher protection: IP67. Body made of glass reinforced polyester, compression moulded. White metal gear tray. Special frosted diffuser. Stainless steel clips, suspension brackets and IP68 cable gland standard included.

Base : Glass reinforced polyester, compression moulded (GRP)

- **Optional :** Stainless steel suspension bracket. (free fixed) Double cable entry (same side). Wieland, Adels, Stucchi or MPM connector.

Diffuser : Special frosted polycarbonate (PC) for smooth uniform lighting.

- **Optional :** Clear PC diffuser. (see also PAC type) Acrylic frosted diffuser (PMMA) only wide body 218, 236 and 258

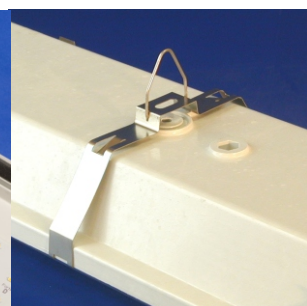
Gear Tray : White painted steel

Clips : 2-part stainless steel clips. 2 cable glands M20 (PA) included.

- **Optional :** 3-part polycarbonate clips.



High quality
PHILIPS chipboard LED



Stainless steel susp.
bracket (optional) IP67

LED Specifications :

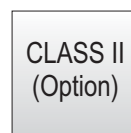
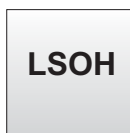
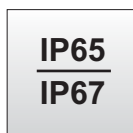
- Product life min. 50.000h L80 B10 at Ta.max or 70.000h L70 B10 at Ta.max.
- Available in 3000K, 4000K, 5000K and 6500K with CRI of > 80.
- MacAdam 3 SDCM.
- Luminous efficiency: LER frosted diff. up to ** 160 lm/W.
- 220-240V 0/50/60Hz (also DC for CBS).
- Ta: -20°C / Ta.max.

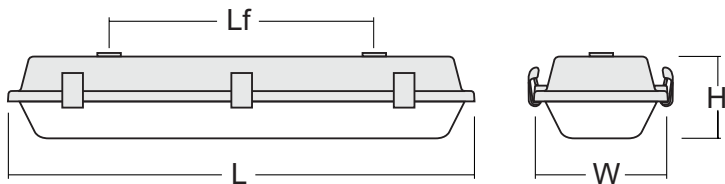
Special ARCTIC LED "FREEZE" :

- See separate datasheet.
- Version for industrial cold storage (up to -30°C)



26.10.2021





Lf : adjustable distance of mounting brackets.

Housing	L	W*	H	Lf	Clips	Kg
601	702	102	105	500	6	2.0
1201	1312	102	105	800	8	2.9
1501	1612	102	105	1100	10	3.6
602	702	172	105	500	6	2.2
1202	1312	172	105	800	8	3.8
1502	1612	172	105	1100	10	4.8

Impact strength data of the diffuser:

diffuser in PC > 6 Nm (IK08)
diffuser in PMMA > 0,22 Nm (IK02)

PHILIPS (SIGNIFY) inside :

Fortimo LED line 3R/Strip 1R- Xitanium driver



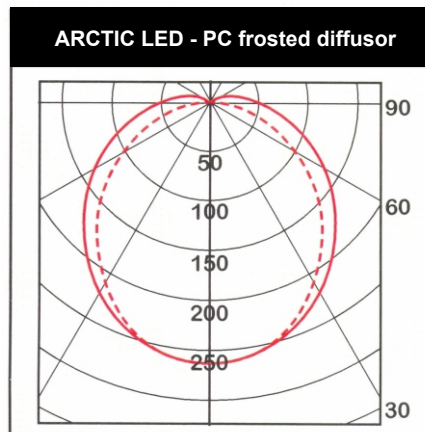
Secured with screws

Double cable-entry (optional)



3-part polycarbonate clips (optional)

Retainer for stainless steel clips



Electrical specifications :

- **Optional:** - 1-10V and DALI. (not for housing 601)
- EMergency (Manuel-Test, Self-Test, DALI).
- HF-Motion sensor.
- Trough-wiring 1 phase or 3 phase (this will influence the Ta.max.).
- CRI min.90 (930, 940 , 965 on demand) lumen correction factor 0,95
- 110V
- Casambi + other wireless communication systems.
- Special driver for Industry applications (higher temperature and surge).

Housing	Art.	Power*	LED	Flux**	Ta.max	EM***	EM ST/DALI***
601	R	14 W	1R	2130 lm	35 °C	0	0
1201	U	16 W	1R	2350 lm	50 °C	√	√
	S	27 W	1R	4255 lm	40 °C	√	√
	H	40 W	1R	5710 lm	35 °C	√	0
1501	V	20 W	1R	2940 lm	50 °C	√	√
	T	34 W	1R	5330 lm	40 °C	√	√
	I	49 W	1R	7140 lm	35 °C	√	0
602	A	17 W	3R	2165 lm	53 °C	√	√
	D	23 W	3R	3040 lm	42 °C	√	√
1202	B	30 W	3R	4330 lm	53 °C	√	√
	E	45 W	3R	6080 lm	42 °C	√	√
1502	C	37 W	3R	5420 lm	53 °C	√	√
	X	55 W	1R	7960 lm	40 °C	√	√
	F	56 W	3R	7600 lm	42 °C	√	√
	Y	63 W	1R	8800 lm	38 °C	√	0
	G	66 W	3R	8850 lm	35 °C	√	0
	L	76 W	3R	10150 lm	30 °C	√	0
	K	78 W	1R	11170 lm	33 °C	√	0
	N	82 W	3R	12000 lm	35 °C	0	0
	Z	92 W	1R	13700 lm	40 °C	0	0
	Z	104 W	3R	14000 lm	25 °C	0	0

* Total power consumption of LED's and driver. (+/- 10%)

** Luminous flux of fitting @ 25°C for 840, 850 and 865 (correction factor 0.95 for 830)

*** Ta.max = 25 °C

Luminous output and electrical load have an initial tolerance of +/- 10 % from nominal.