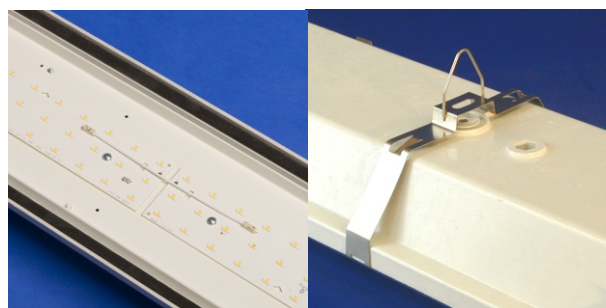




High quality
PHILIPS chipboard LED

Stainless steel susp.
bracket (optional) IP67

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 M20 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.

LED Specifications :

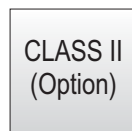
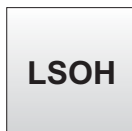
- Product life min. 50.000h L80 B10 at Ta.max or 70.000h L70 B10 at Ta.max.
- Available in 3000K, 4000K, 5000K and 6500K with CRI of > 80.
- MacAdam 3 SDCM.
- Luminous efficiency: LER frosted diff. up to ** 160 lm/W.
- 220-240V 0/50/60Hz (also DC for CBS).
- Ta: -20°C / Ta.max.

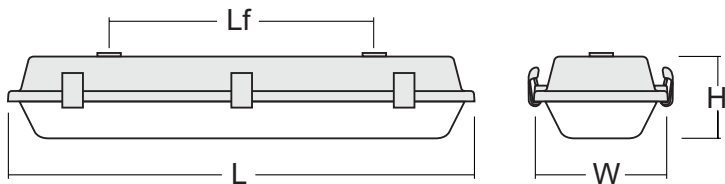
Special ARCTIC LED "FREEZE" :

- 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



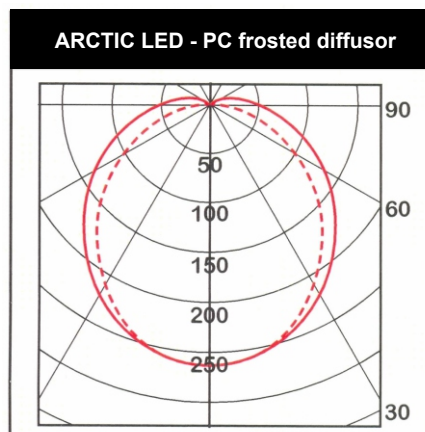
Secured with screws

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(1)	LED	Flux(2)	Ta.max	EM(3)	EM ST/DALI(3)	EEC-LED(4)
601	R	13 W	1R	1960 lm	35 °C	0	0	C
1201	U	17 W	1R	2700 lm	50 °C	√	√	C
	S	25 W	1R	4040 lm	43 °C	√	√	C
	H	35 W	1R	5490 lm	35 °C	√	0	C
1501	V	20 W	1R	3050 lm	50 °C	√	√	C
	T	31 W	1R	5050 lm	43 °C	√	√	C
	I	44 W	1R	6860 lm	35 °C	√	0	C
602	R²	13 W	1R	1960 lm	40 °C	√	√	C
	A	17 W	3R	2165 lm	53 °C	√	√	D
	D	23 W	3R	3040 lm	42 °C	√	√	D
1202	S²	25 W	1R	4040 lm	47 °C	√	√	C
	B	30 W	3R	4330 lm	53 °C	√	√	D
	H²	35 W	1R	5490 lm	42 °C	√	√	C
	E	45 W	3R	6080 lm	45 °C	√	√	D
1502	T²	31 W	1R	5050 lm	47 °C	√	√	C
	C	37 W	3R	5420 lm	53 °C	√	√	D
	I²	44 W	1R	6860 lm	42 °C	√	√	C
	X	53 W	1R	7940 lm	40 °C	√	√	C
	Y	60 W	1R	8730 lm	35 °C	√	√	C
	G	66 W	3R	8850 lm	42 °C	√	0	D
	L	76 W	3R	10300 lm	42 °C	√	0	D
	K	78 W	1R	11170 lm	33 °C	√	√	D
	N	82 W	3R	12000 lm	40 °C	0	0	D
	Z	92 W	1R	13700 lm	40 °C	0	0	D
	Z	104 W	3R	14000 lm	25 °C	0	0	D

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

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

(3) Ta.= +2°C +25 °C max.

(4) This product contains a light source of energy efficiency class <C> or <D>.

The energy efficiency class <C> is not valid for color 930.

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