



technical data type **PAS LED**

Base : Glass reinforced polyester, compression moulded (GRP)

- **Optional:** - Stainless steel suspension bracket. (free fixed)
- Double cable entry (same side).
- Wieland (IP67), Adels (IP66) or Stucchi (IP65) and MPM(IP66) connector but not for through wiring.
- Triangles for suspension

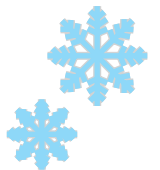
Diffuser : Special frosted polycarbonate (PC) for smooth uniform lighting.

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

Gear Tray : White painted steel

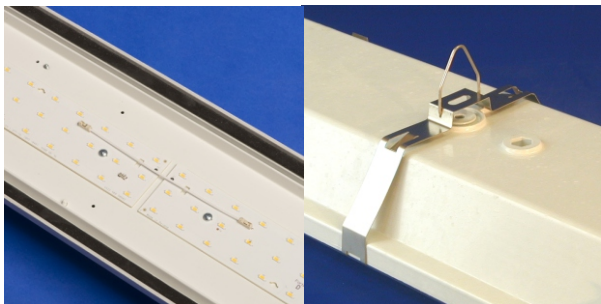
Clips : 2-part stainless steel clips.
2 cable glands M20 (PA) included.

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



Special PAS "FRIDGE" :

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

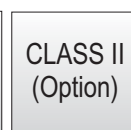
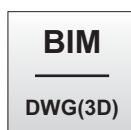
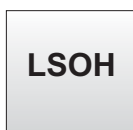
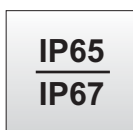


High quality
PHILIPS chipboard LED

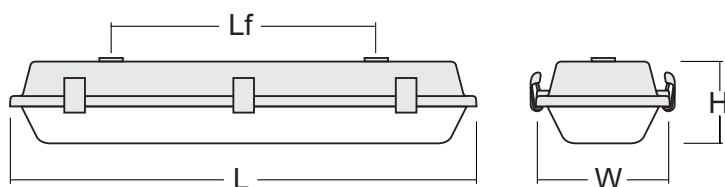
Stainless steel susp.
bracket (optional) IP67

LED Specifications :

- Product life min. 50.000h L80 B10 at T_{LB}.
or 100.000h L80 B10 at 25°C for all LED 1R till 60W.
- Available in 3000K, 4000K, 5000K and 6500K
with CRI of > 80.
- MacAdam 3 SDCM.
- Luminous efficiency: LER frosted diff. up to ** 163 lm/W.
- 220-240V 50/60Hz.
- Ta: -20°C till +55°C.



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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



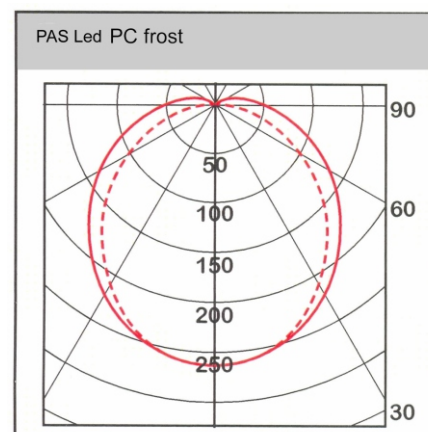
Secured with screws

Double cable-entry
(optional)



3-part polycarbonate
clips (optional)

Retainer for
stainless steel clips



technical data type PAS LED

Electrical specifications :

- **Optional:** - 1-10V and DALI. (not for housing 601)
- EMErgency (Manuel-Test, Self-Test, DALI).
- DC driver for CBS.
- 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 0,94
- 110V 50/60 Hz
- Casambi + other wireless communication systems.
- Special driver for Industry applications (higher temperature and surge).

Housing	Art.	Power(1)	LED	Flux(2)	T _{LB} (3)	EM(4)	EM ST/DALI(4)	EEC-LED(5)
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	50 °C	√	√	C
	H	35 W	1R	5490 lm	45 °C	√	0	C
1501	V	20 W	1R	3050 lm	50 °C	√	√	C
	T	31 W	1R	5050 lm	50 °C	√	√	C
	I	44 W	1R	6860 lm	45 °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	40 °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) T_{LB} is the maximum ambient temperature Ta(°C) for continuous use to achieve the total lifetime (LB) of the LED components.

(4) Ta.= +2°C +25 °C max for emergency.

(5) 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.

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