



Special wiring and control gear for industrial cold storage (up to -30°C)

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

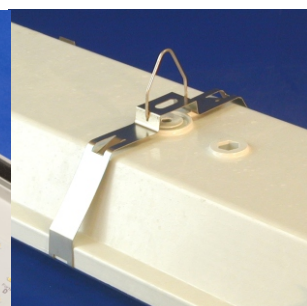
Gear Tray : White painted steel

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

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



High quality
PHILIPS chipboard LED



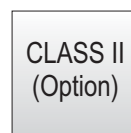
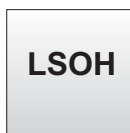
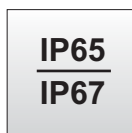
Stainless steel susp.
bracket (optional) IP67

LED Specifications :

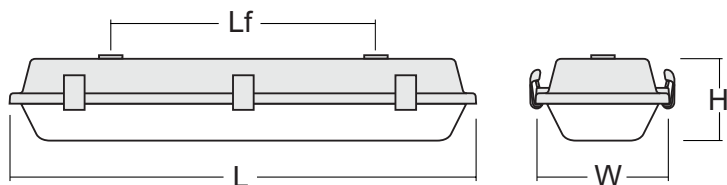
- Product life min. 50.000h L80 B10 at Ta.max or 70.000h L70 B10 at Ta.max.
- Available in 3000K, 4000K, 5000K and 6500K with CRI of > 80.
- MacAdam 3 SDCM.
- Luminous efficiency: LER frosted diff. up to ** 160 lm/W.
- 220-240V 0/50/60Hz (also DC for CBS).
- Ta: -20°C / Ta.max.



26.10.2021



SERIES 41W – 104W



Lf : adjustable distance of mounting brackets.

Housing	L	W*	H	Lf	Clips	Kg
158	1612	102	105	1100	10	3.6
236	1312	172	105	800	8	3.8
258	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

Electrical specifications :

- **Optional:** - 1-10V and DALI.
- Emergency (Manual-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).



Secured with screws

Double cable-entry (optional)



3-part polycarbonate clips (optional)

Retainer for stainless steel clips

Housing	Power*	Flux**	Ta.max
158	41 W	5500 lm	40 °C
236	45 W	6080 lm	40 °C
258	37 W	5420 lm	53 °C
	56 W	7600 lm	40 °C
	66 W	8850 lm	37 °C
	76 W	10160 lm	30 °C
	82 W	12000 lm	35 °C
	104 W	14000 lm	25 °C

* 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)

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

