



technical data type **PLedX**

Base : Glass reinforced polyester, compression moulded (GRP)

Standard inclusive 2 glands M20 (IP68)

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

Diffuser : is made of special frosted PC for smooth uniform lighting

- **Optional** : Clear diffuser in PC or PMMA

Clips : 2-part stainless steel clips

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



Secured with screws

3-part polycarbonate clips (optional)



High quality PHILIPS chipboard LED

Stainless steel susp. bracket (optional)



Retainer for stainless steel clips

Double cable-entry (optional)

Impact strength data of the diffuser :

diffuser in PC : > 6 Nm (IK08)

Specifications :

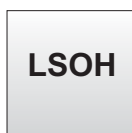
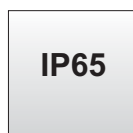
- Product life min. 50.000h L80 B10 at Ta.max or 70.000h L70 B10 at Ta.max
- Available in 3000K, 4000K, 5000K and 6500K with CRI of min.80
- MacAdam : 3 SDCM
- Luminous efficiency : up to ** 145 lm/W.
- 220-240V 0/50/60Hz. (also for CBS)
- Ta: -20°C / Ta.max.
- **Optional** : - 1-10V and Dali.
- Emergency (not for housing 218).
- High frequency motion detector. (not for housing 218)
- Through-wiring in polyester housing. (This will influence slightly the Ta.max.)
- CRI min. 90 correction factor 0,85. (on demand)

| Housing | Power* | Flux** | Ta.max |
|---------------|--------|----------|--------|
| 218 (frosted) | 17 W | 2150 lm | 45 °C |
| | 23 W | 3000 lm | 35 °C |
| 236 (frosted) | 30 W | 4300 lm | 45 °C |
| | 45 W | 6000 lm | 35 °C |
| 258 (frosted) | 37 W | 5360 lm | 45 °C |
| | 56 W | 7530 lm | 35 °C |
| | 66 W | 8850 lm | 35 °C |
| | 76 W | 10160 lm | 35 °C |
| | 104 W | 14000 lm | 25° C |
| 270 (clear) | 78 W | 10360 lm | 35 °C |

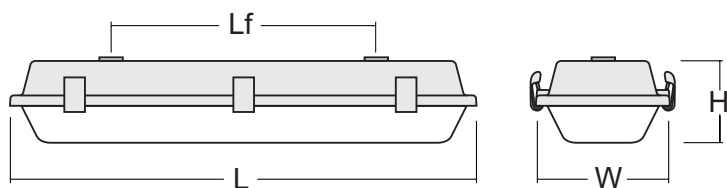
* Total power consumption of Led's and driver. (+/- 10%)

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

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



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| Housing | L | W* | H | Lf | Clips | Kg |
|---------|------|-----|-----|------|-------|-----|
| 218 | 702 | 172 | 105 | 500 | 6 | 2.4 |
| 236 | 1312 | 172 | 105 | 800 | 8 | 3.7 |
| 258 | 1612 | 172 | 105 | 1100 | 10 | 4.4 |
| 270 | 1874 | 172 | 105 | 1100 | 14 | 6.0 |

*Dimensions without clips

