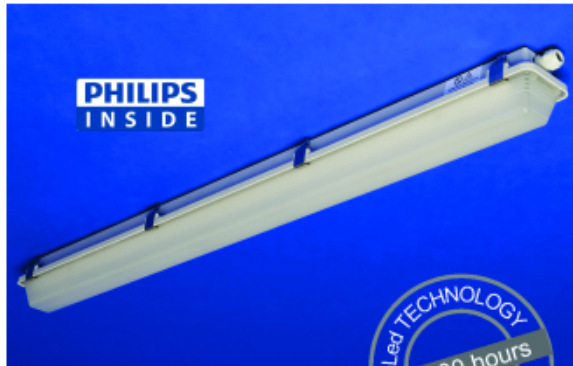
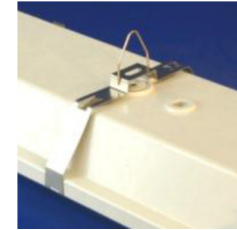


# Technical data sheet

## Arctic Ultimax



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. Double cable entry (same side).

**Diffuser** : is made of special frosted polycarbonate (PC) for smooth uniform lighting.

- **Optional** : Clear diffuser  
PMMA Frosted diffuser

Impact strength data of the diffuser:

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

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

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

### Electrical specifications :

- Product life min. 50.000h L80 B10 at Ta.max or 70.000h L70 B10 at Ta.max.
- Available in 3000K, 4000K and 5000K with CRI of min.80
- MacAdam 3 SDCM.
- Luminous efficiency : up to \*\* 145 lm/W.
- 220-240V 0/50/60Hz (also DC for CBS).
- Ta: -20°C / Ta.max.

- **Optional** : - 1-10V and Dali (not for housing 118).  
- Emergency (not for housing 118).  
- High frequency motion detector (only for 236 and 258).  
- Trough-wiring in polyester housing (this will influence the Ta.max.).  
- CRI min.90.

### Special "FRIDGE" version :

- Special wiring and gear for industrial cold storage (up to -30°C). Stainless steel clips with keeper (not for housing 118 and 218).



# Technical data sheet

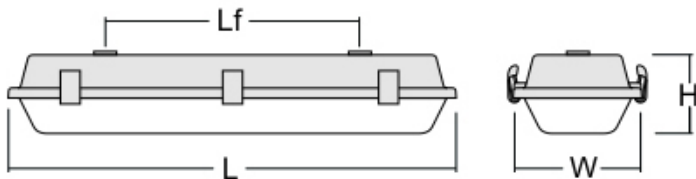
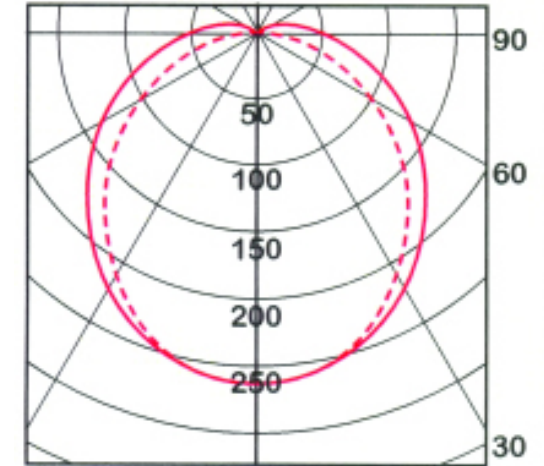
## Arctic Ultimax

Housing	Power*	Flux**	Ta.max
118 (frosted)	16 W	2085 lm	40 °C
136 (frosted)	19 W	2440 lm	40 °C
	32 W	4400 lm	40 °C
158 (frosted)	23 W	3060 lm	40 °C
	41 W	5500 lm	40 °C
218 (frosted)	17 W	2165 lm	53 °C
	23 W	3040 lm	40 °C
236 (frosted)	30 W	4330 lm	53 °C
	45 W	6080 lm	40 °C
258 (frosted)	37 W	5420 lm	53 °C
	56 W	7600 lm	40 °C
	66 W	8850 lm	37 °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.



Housing	L	W*	H	Lf	Clips	Kg
118	702	102	105	500	6	2.0
136	1312	102	105	800	8	2.5
158	1612	102	105	1100	10	3.5
218	702	172	105	500	6	2.4
236	1312	172	105	800	8	3.7
258	1612	172	105	1100	10	4.4