



## technical data type **TUBE 80** **Ecoline**

**„Industrial high-end weatherproof luminaire with robust construction“**

**Base:** Impact proof PC housing with UV-protection. IK10

- End caps AISI304.
- Free fix mounting bracket AISI304.
- Connection: Wieland or Stucchi (IP65) connector.
- Silicone Gasket.

**Diffuser:** Half white/half opal PC

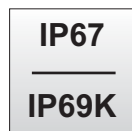
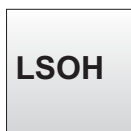
- *Optional* : - Half white/half clear PC: 116% Lumen output
- Half white/half opal PMMA (IK06)

**Gear tray:** Anodized aluminium



### **Specifications:**

- Dip-Switch driver with 4 output currents.
- Product life min. 50.000h L80 B10 at 25°C.  
35.000h L70 B10 at 45°C (T<sub>LB</sub>)
- Available in 4000K with CRI of min. 80.  
*Optional* : 3000K, 6500K.
- MacAdam : 3 SDCM
- Luminous efficiency: up to \*\* 123 lm/W.
- 220-240V 50/60 Hz.
- Ta: -15°C/+45°C.
- *Optional* :
  - 1-10V and DALI
  - Trough-wiring. (This will influence slightly the T<sub>LB</sub>.)
  - DC driver for CBS
  - EMergency (Manual test, Self-test, DALI).
  - HF-Motion Sensor.
  - 110 V 50/60 Hz
  - Casambi + other wireless Communication systems.



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## **Ecoline**

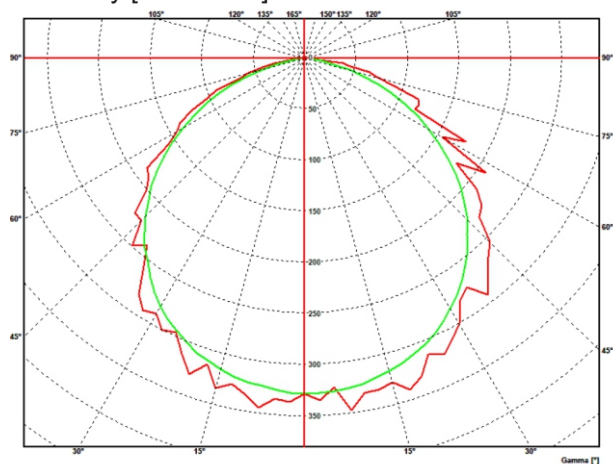
Housing	L	W	H	Lf	Kg
600	600	80	102	300 - 500	1,7
1200	1200	80	102	500 - 1100	2,0
1500	1500	80	102	500 - 1400	2,4

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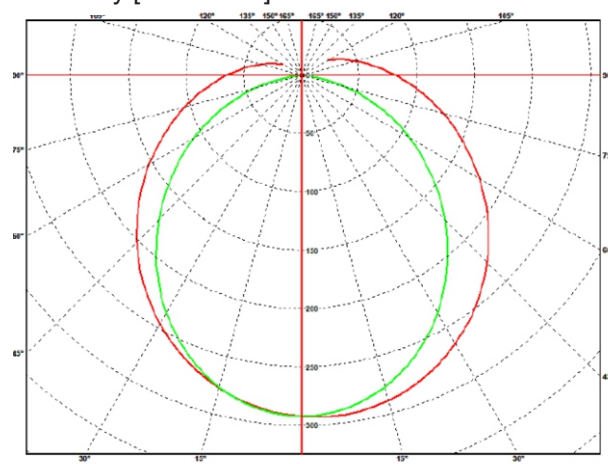
**Impact strength data:** Tube in PC + free fix bracket (IK10)

Intensity [cd/1000lm]



Intensity distribution of the half white/half clear

Intensity [cd/1000lm]



Intensity distribution of the half white/half opal

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Housing	Art.	Power(1)	Flux(2)	T <sub>LB</sub> (3)	EM(4)	EMST/DALI(4)	EEC-LED(5)
600	Z	12 W	1320 lm	45°C	0	0	D
	Z	21 W	2220 lm	25°C	0	0	D
1200	Q	28 W	3320 lm	45°C	√	√	D
	O	39 W	4440 lm	25°C	0	0	D
1500	W	35 W	4160 lm	45°C	√	√	D
	P	49 W	5540 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)

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

(3) T<sub>LB</sub> 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.

(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.

