



Essenze's water tightness level: IP67.

IK08-10.

Electrical class II.

Surge protector: 10 Kv

1624 - 23186 Lm

15.7 - 222.6 W

Life Time > 100.000 hours (Tq - 25°)*

CRI > 80%

Constant Light Output (CLO).



UNE-EN 55015
UNE-EN 60598-1
UNE-EN 60598-2-3
UNE-EN 61000-3-2
UNE-EN 61000-3-3
UNE-EN 61347-2-13
UNE-EN 61547
UNE-EN 62031
UNE-EN 62384
UNE-EN 62471:2009
UNE-EN 62493

Accelerated heat dissipation system

AL 6063-T6
Extruded and Anodized

Essenze is based on the principle of direct thermal dissipation between the LED PCB and its central compact aluminium body made of extruded and anodized aluminium 6063-T6 that achieves a thermal conductivity level of 200 W/metre*Kelvin.

Optical system

IP67

High optical precision, efficacy, stability due to the use of high performing - direct lenses made of High impact PMMA.

Mechanical design

Lateral closing system and bracket made of anodized and thermo-lacquered aluminium injection (L-2520) with less than 0,15% cooper.

Central aluminium body made of extruded and anodized aluminium 6063-T6 with less than 0,1% cooper.

Driver technology

Full Programmable electrical parameters and functionalities:

AOC (Adjustable Output Current), MTP (Module Temperature Protection), CLO (Constant Lumen Output), EOL (End Of Life module alarm), PST (Programmable Start-up Time).

Power factor at full load: 0,98.
Driver efficacy >90%.
Output ripple current (ORC) < 5%.
Low Total Harmonic Distortion < 10%.

Protection against short circuit, overload and no load operation.
Control gear thermal protection.
External LED module thermal protection connector.

Mains surge protection integrated:
-Differential mode: 6kV / 3kA (L-N).
-Common mode: 8kV (L/N-Earth).

Lifetime up to 100.000h.

Electronic circuit fully protected against humidity.

Low Stand-by power consumption: < 0,5W.

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|--------|---------|-----------|----------|
| EZ-12S | 15,7 W | 1624 Lm | 103 Lm/W |
| EZ-12M | 23,5 W | 2370 Lm | 101 Lm/W |
| EZ-12L | 31,1 W | 2993 Lm | 96 Lm/W |
| EZ-24S | 29.2 W | 3249 Lm | 111 Lm/W |
| EZ-24M | 41.9 W | 4741 Lm | 113 Lm/W |
| EZ-24L | 59.4 W | 5985 Lm | 101 Lm/W |
| EZ-36S | 42.8 W | 4878 Lm | 114 Lm/W |
| EZ-36M | 61.9 W | 6757 Lm | 109 Lm/W |
| EZ-36L | 88.5 W | 8978 Lm | 101 Lm/W |
| EZ-48S | 56.3 W | 6498 Lm | 115 Lm/W |
| EZ-48M | 82.0 W | 9010 Lm | 110 Lm/W |
| EZ-48L | 115.9 W | 11971 Lm | 103 Lm/W |
| EZ-60S | 70,4 W | 8.122 Lm | 115 Lm/W |
| EZ-60M | 100,8W | 11.263 Lm | 112 Lm/W |
| EZ-60L | 142.0W | 14.965 Lm | 105 Lm/W |
| EZ-72S | 81.1 W | 9.387 Lm | 116Lm/W |
| EZ-72M | 116.3W | 12.953 Lm | 111 Lm/W |
| EZ-72L | 164.9W | 17.390 Lm | 105 Lm/W |
| EZ-84S | 93.2 W | 10.951 Lm | 118 Lm/W |
| EZ-84M | 135.1 W | 15.112 Lm | 112 Lm/W |
| EZ-84L | 190.5 W | 20.288 Lm | 106 Lm/W |
| EZ-96S | 106.3W | 12516 Lm | 118 Lm/W |
| EZ-96M | 154.1W | 17271 Lm | 112 Lm/W |
| EZ-96L | 222.6W | 23186 Lm | 104 Lm/W |

LIGHT OUTPUT - 3000K - HPL*

FOR A LIVEABLE TOMORROW

SETGA NEDERLAND. EXCLUSIEF GEDISTRIBUEERD DOOR MODERNISTA. LOOIERSHOF 45. 3024 CZ ROTTERDAM. THE NETHERLANDS. TELF + 31 10 233 17 04. www.setgalighting.com



Fully made in Western Europe

(* High performance LED Luminous flux at Tj25° based on the data provided by the semiconductor manufacturer. SETGA applies to its luminaries the most advanced selection of LED binning obtained by leading diode manufacturers, in order to ensure the highest level of colour rendering (CRI), efficacy and lifetime at any given moment. The value may vary over time, depending on the continuous evolution of LED technology and ambient operating conditions. L80B10 - L96B10 (IES LM-80 / TM-21).