EcoLED Inverter module

High-performance auxiliary device for emergency lighting. Operation is subordinate to mounting on an existing fixture for traditional lighting, where the LED module and the respective inverter with battery pack are positioned. The Kit includes 3 special lenses in high-transparency polycarbonate, for the Lungaluce, Altaluce and Largaluce versions, to obtain different dimensions of the illuminated surface and to allow mounting at heights of 3 or 7 metres. The LED module is equipped with a blocking system with an elastic clip for both T8 and T5 pipes. It is a high-efficiency Led with a built-in heat sink in graphite-charged polyamide, ensuring a long duration and great reliability of the fixture.

Photometric diagrams and Luce Utile page 143, Symbols on cover, Spare batteries page 154

General characteristics

Powers 1.5 W

Version SE, Inhibition (Rest Mode)

Standard EN 60598-1, EN 61347-2-7, EN 60598-2-22, , EN 61347-2-13 UNI 11222

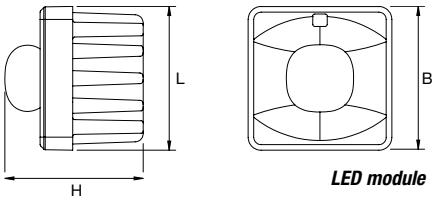
Protection grade according to the fixture in which it is mounted

Autonomy 1h

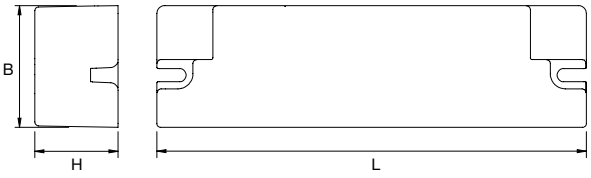
Mounting on fixtures with T5 and T8 pipes

Housing Graphite-charged polyamide

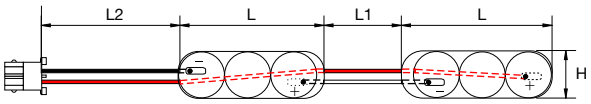
Optics lenses in highly transparent polycarbonate

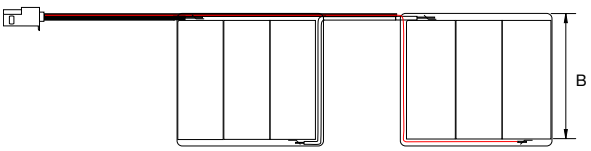


LED module



Inverter

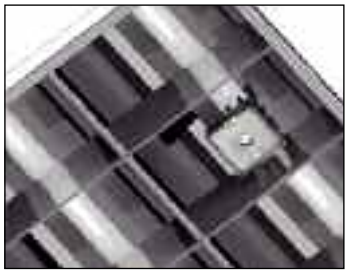




Battery

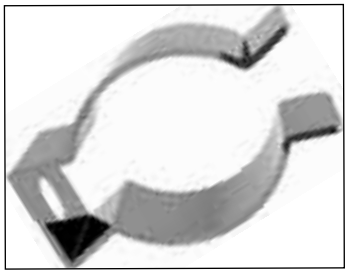
	Power W	L	• Dimensions (mm) • L1	L2	B	H	Lamp
LED module	1.5	36			36	28	1 LED
Inverter	-	114			32	22	-
Battery	-	40	70	80	50	4.5	-

MOUNTING ON A FIXTURE WITH T5 PIPES



- Steel clip supplied

MOUNTING ON A FIXTURE WITH T8 PIPES



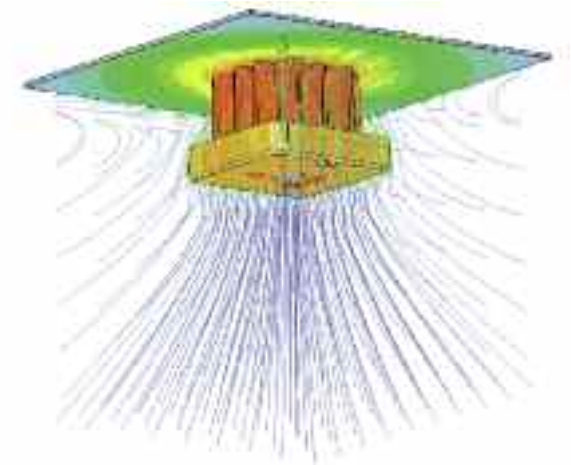
- Steel clip supplied

LENSES SUPPLIED

- Lungaluce supplied

- Largaluce supplied

- Altaluce supplied

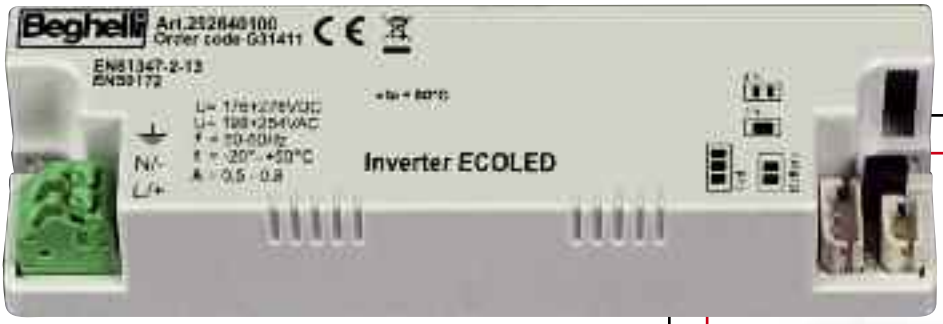


Thermofluidodynamic analysis: calculated heat dissipation

To ensure long duration and high performance of the LED source, a new technology has been used which simulates heat diffusion in the fixture: the thermofluidodynamic analysis allows you to foresee the working temperature of the various components so as to optimize the heat dissipation system.

NOTES

One fixture for several applications



Dedicated Inverter
supplied

3 V
500 mA

battery pack

Lungaluce lens
mounted at a height of 3m it covers an escape route of 11.8 m with 1 lux in the middle and > 0.5 within 1m

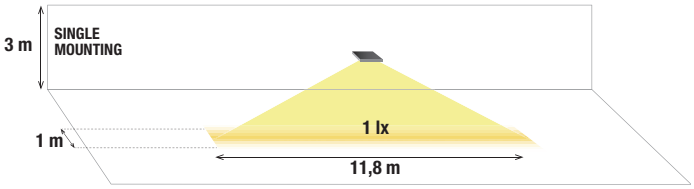
Largaluce lens
mounted at a height of 3m it illuminates a surface of 8.1x8.1 m at 0.5 lux

Altaluce lens
mounted at a height of 7m it illuminates a surface of 9.3x9.3m at 0.5 lux

Technical demonstration of light output on the ground

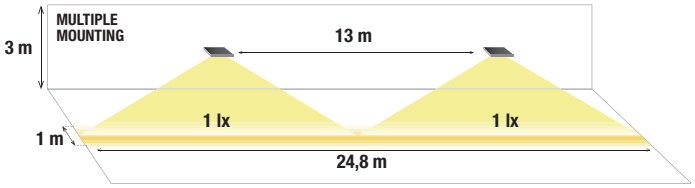
according to UNI EN 1838

Lungaluce lens - mounting 3 m above the ground

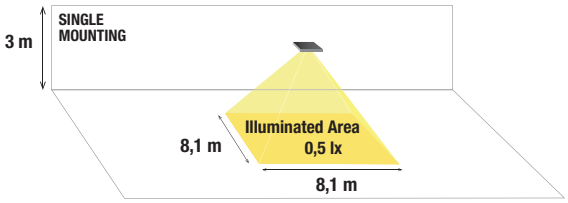


Single mounting
covers an escape route of 11.8 m with 1 lux in the middle and > 0.5 within 1m

Multiple mounting, fixture centre distance 13 m
covers an escape route of 24.8 m with 1 lux in the middle and > 0.5 within 1m

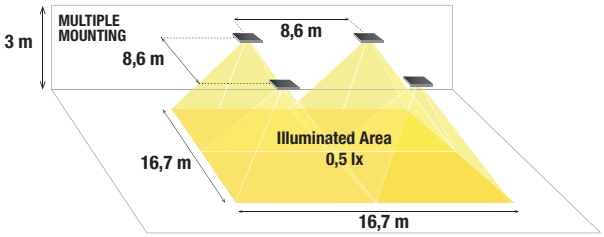


Largaluce lenses - mounting 3 m above the ground

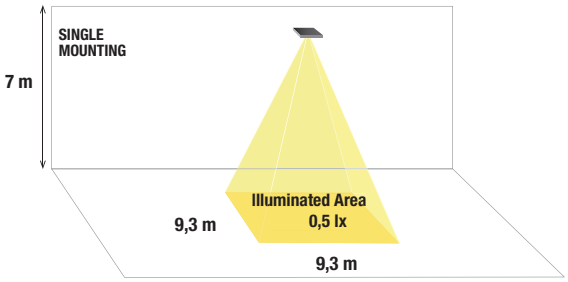


Single mounting
illuminates a surface of 8.1x8.1 m at 0.5 lux

Multiple mounting, fixture centre distance 8.6 m
illuminates a surface of 16.7 x 16.7 m at 0.5 lux

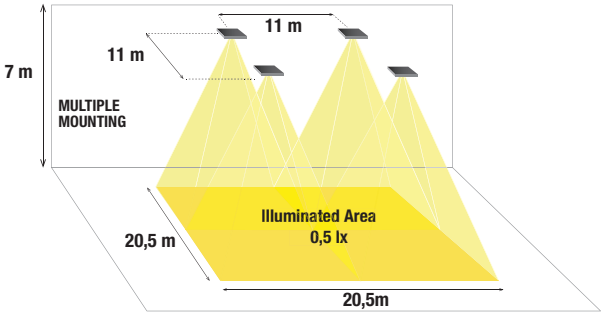


Altaluce lens - mounting 7 m above the ground



Single mounting
illuminates a surface of 9.3 x 9.3 m at 0.5 lux

Multiple mounting, fixture centre distance 11 m
illuminates a surface of 20.5 x 20.5 m at 0.5 lux



Accessories

supplied

Order Code	Description	Price €
-	**3 lenses:** LUNGA, LARGA, ALTA with 3 different covers	

Order Code	Description	Price €
-	2 springs for fixing on T8 and T5 pipes	

TR — Traditional

W	Order Code	Description	Version	Autonomy	Battery	n° LEDs	Flux* SE lm	Flux SA lm	Absorption W	Weight kg	Packaging
1.5	**19350**	INVERTER LED SE 1N RM	SE	1h	NCHT 3.6V 0.75Ah	1	160	-	1	0.25	6

* Minimum flux guaranteed according to EN 60598-2-22