

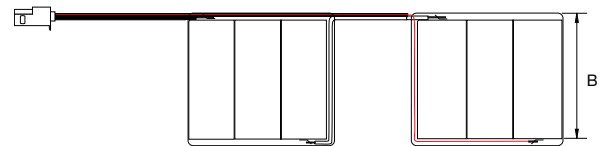
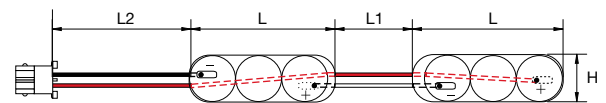
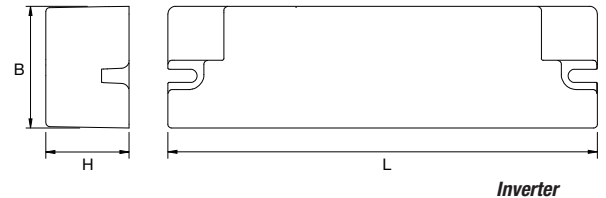
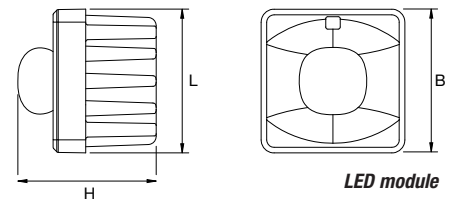
# EcoLED Inverter module



A high-performance auxiliary fixture for emergency lighting. Operation is subject to the installation of a traditional lighting fixture where the LED module and relative inverter with battery set are installed. The kit contains 3 special high-transparency PMMA lenses, for the Lungaluce, Altaluce and Largaluce versions, for obtaining different illuminated surface areas. Can be installed at a height of 3 or 7 metres. The LED module has an elastic clip fastening system for T8 and T5 tubes. The high-efficiency LED features a heat sink in polyamide with graphite, to ensure superb reliability and extend the life of the device.

## GENERAL CHARACTERISTICS

- Potenze** 1,5 W
- Power supply** 230Vac  $\pm$  10% 50Hz
- Operation** Permanent (SA), Non Permanent (SE)  
Rest Mode: with optional control device (cod. 2730)
- 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
- Working temp.** 0°C  $\div$  +40°C
- Mounting** on fixtures with T5 and T8 lampholders
- Housing** Graphite-charged polyamide
- Optics** lenses in highly transparent polycarbonate
- Light source** LED



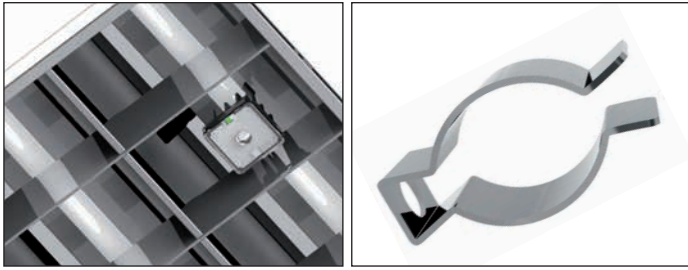
	Power W	L	• Dimensions (mm) •				Lamp
			L1	L2	B	H	
Modulo LED	1,5	36			36	28	1 LED
Inverter	-	114			32	22	-
Battery	-	40	70	80	50	14,5	-

## Accessories

supplied

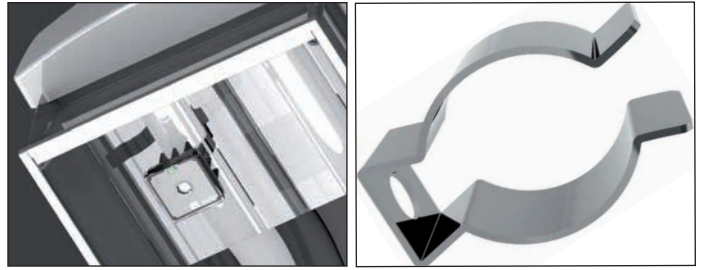
Order Code	Description
-	<b>3 LENSES:</b> LUNGA, LARGA, ALTA with 3 different covers
-	<b>2 SPRINGS</b> FOR FIXING ON T8 AND T5 LAMP HOLDERS

**MOUNTING ON A FIXTURE WITH T5 LAMP HOLDERS**



- STEEL CLIP supplied

**MOUNTING ON A FIXTURE WITH T8 LAMP HOLDERS**



- STEEL CLIP supplied

**LENSES SUPPLIED**



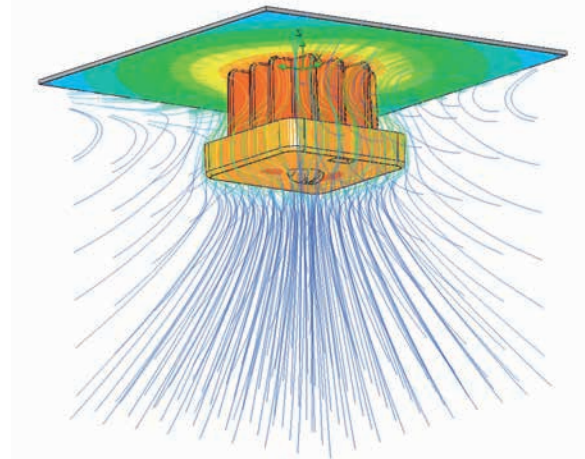
- LUNGALUCE supplied



- LARGALUCE supplied



- ALTALUCE supplied

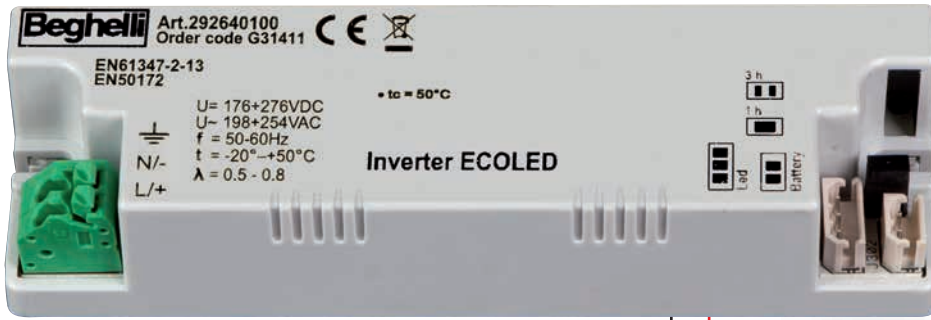


**Thermofluidodynamic analysis: calculated heat dissipation**

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.

TR										Traditional
W	Order code	Description	Model	Autonomy	N° LED	Battery	Absorption max W	Weight kg	Pack	
1,5	19350	INVERTER LED SE 1N RM	SE	1h	1	NCHT 3.6V 0.75Ah	1	0,25	6	

# One fixture for several applications



Dedicated Inverter supplied

3 V  
500 mA



battery pack



### Lungaluce - long 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



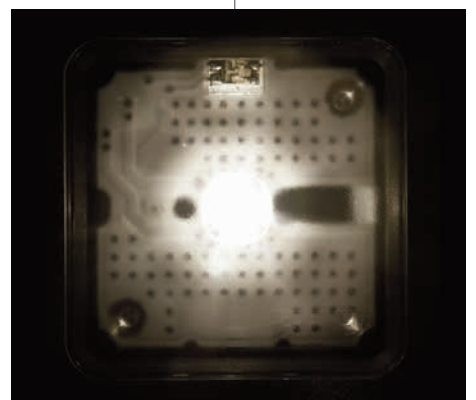
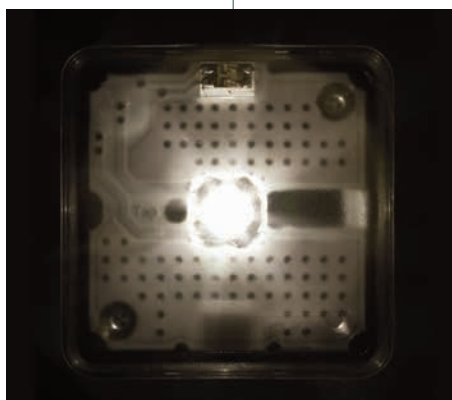
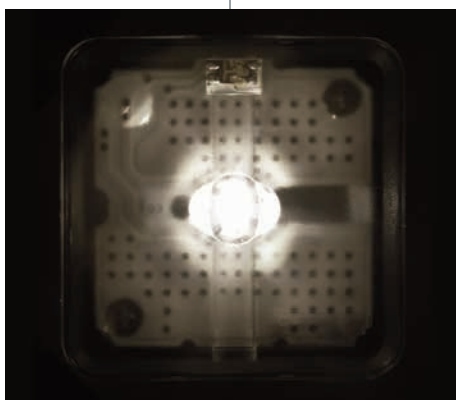
### Largaluce - wide lens

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



### Altaluce - high lens

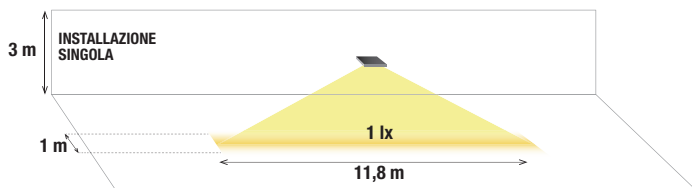
mounted at a height of 7m it illuminates a surface of 9.3x9.3m at 0.5 lux



# Technical demonstration of light output on the ground

according to UNI EN 1838

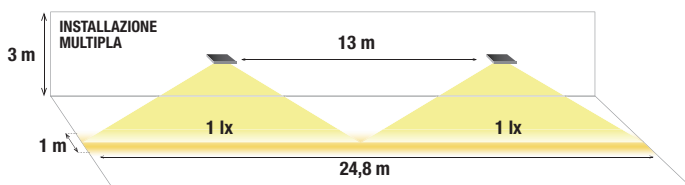
## Lungaluce - long lens - mounting 3 m above the ground



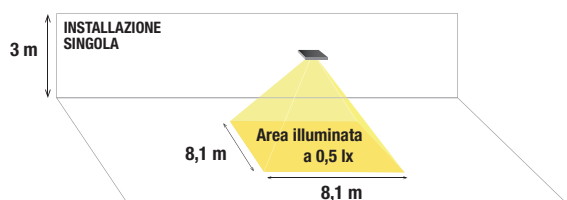
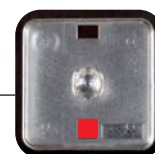
### Single mounting

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

**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 1 m



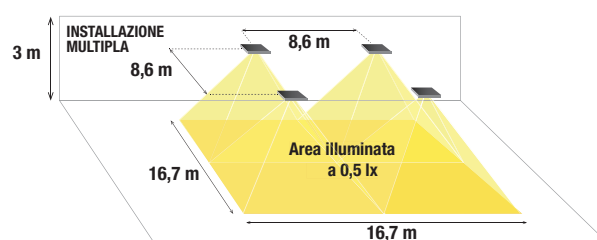
## Largaluce - wide lenses - mounting 3 m above the ground



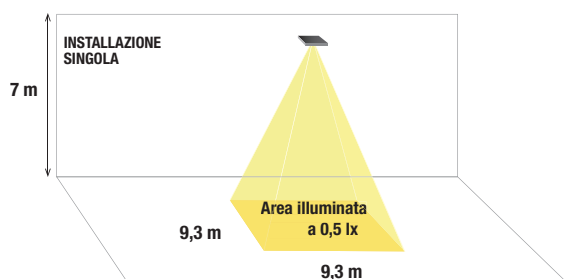
### Single mounting

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 - high 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

