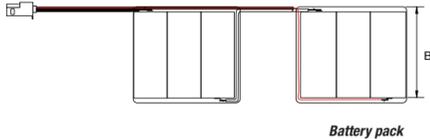
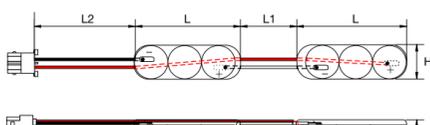
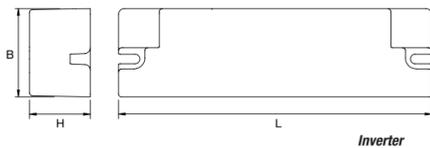
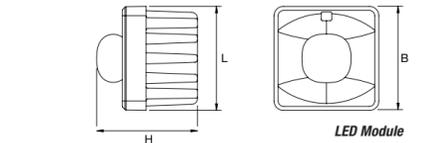


EcoLED Module

Auxiliary device for high performances emergency lighting. Module, battery pack and inverter can be easily installed in most common lighting fixtures. Kit supplied with three high transparency polycarbonate lenses, symmetric, asymmetric and high ceiling, to achieve different lighted area dimensions and allows installation from 3 to 7 meters height. The LED module is equipped with clips for installation on T5 and T8 tubes. The high efficiency LED is equipped with graphite doped polyamide heatsink.

GENERAL FEATURES

- Power** 1,5 W
- Version** non-maintained, emergency operation inhibition (Rest Mode)
- Compliance** EN 60598-1, EN 61347-2-7, EN 60598-2-22, EN 61347-2-13, UNI 11222
- IP rating** depending on fixture in which is installed
- Emergency duration** 1h, 3h
- Installation** T5 and T8 fixtures
- Housing** graphite doped polyamide
- Optic** high transparency polycarbonate lenses
- Control System** none

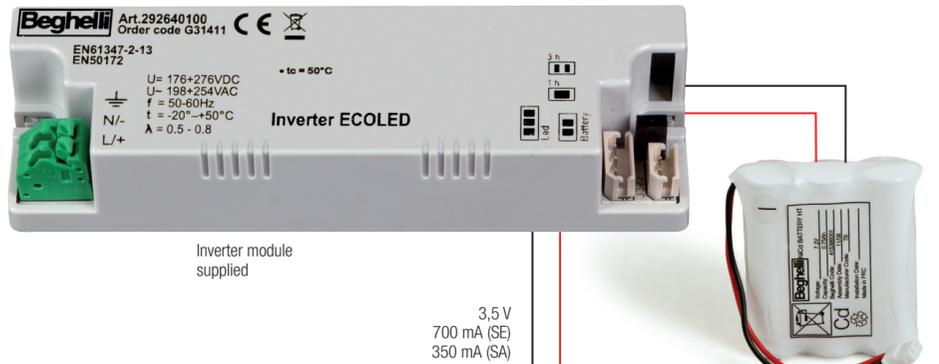


	Power W	L	• Dimensions (mm) •			Light source	
			L1	L2	B	H	
LED Module	1,5	36			36	28	1 LED
Inverter	-	114			32	22	-
Battery pack	-	40	70	80	50	4,5	-

Accessories

Part number	Description
-	3 lenses: LUNGA, LARGA, ALTA
-	2 mounting clips for installation on T8 and T5 tubes

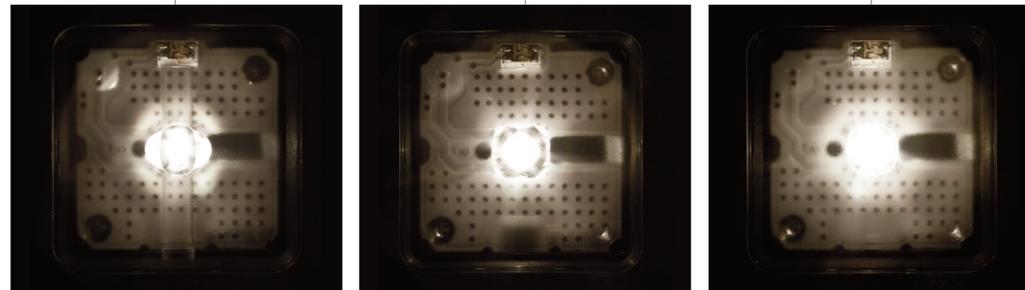
One fixture for many applications



Lungaluce Lens
installed at 3m height covers an escape route of 11,8m granting 1 lux in the middle and >0,5 within 1m

Largaluce Lens
installed at 3m height covers an area of 8,1x8,1m at 0,5 lux

Altaluce Lens
installed at 7m height covers an area of 9,3x9,3m at 0,5 lux



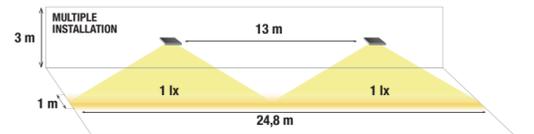
Lighting performances on floor according to UNI EN 1838

Lungaluce Lens - 3m installation height

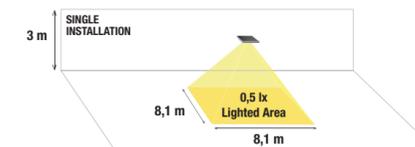


single installation
Covers an escape route of 11,8 m with 1 lux along the centre line and >0,5 lux within 1 metre from the center line

Multiple installation, 13m distance between fittings
Centre distance of 13 m between luminaires covers an escape route of 24,8 m with 1 lux along the centre line and >0,5 lux within 1 m from the centre line

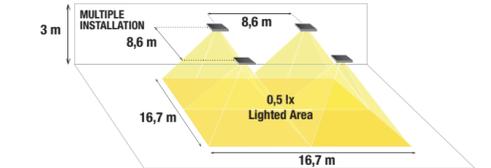


Largaluce Lens - 3m installation height



single installation
Covers an area of 8,1x8,1 m with 0,5 lux at least except for 0,5 m around the perimeter

Multiple installation, 8,6m distance between fittings
Centre distances of 8,6 m cover an area of 16,7 m x 16,7 m at least 0,5 lux except for 0,5 m around the perimeter.

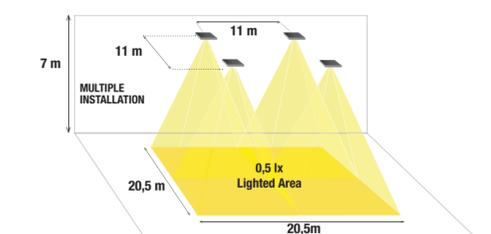


Altaluce Lens - 7m installation height



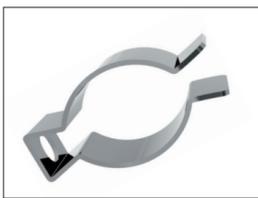
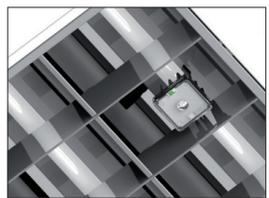
single installation
Covers an area of 9,3 x 9,3 m with 0,5 lux at least except for 0,5 m around the perimeter

Multiple installation, 11m distance between fittings
Centre distance of 11 m covers an area of 20,5 m x 20,5 m at least 0,5 lux except for 0,5 m around the perimeter.



W	part number	Description	Version	Emergency duration	Battery pack	max power absorption	Weight kg	package
1,5	19350	MODULO ECOLED SE 1N RM	SE	1h	NiCd 3.6V 0.75Ah	1	0,2	6
1,5	19351	MODULO ECOLED SE 3N RM	SE	3h	NiCd 3.6V 0.75Ah	1	0,2	6

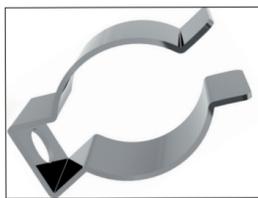
INSTALLATION IN T5 TUBES FIXTURE



- Steel clips

supplied

INSTALLATION IN T8 TUBES FIXTURE



- Steel clips

supplied

SUPPLIED LENSES



- Lungaluce

supplied



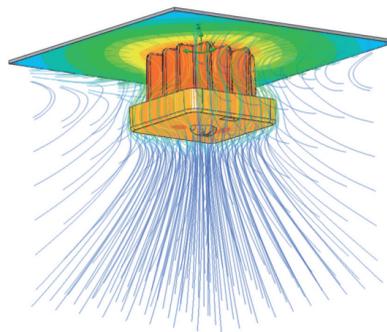
- Largaluce

supplied



- Altaluce

supplied



Thermo-fluid-dynamic analysis: calculated heat dissipation

To grant long lifespan and high performances of the LED light source, a new technology which simulates heat diffusion into the fixture has been used: the thermo-fluid-dynamic analysis allows to estimate the operating temperature of the components to design the heat dissipation system.

LENS	fittings	Covered Area
LUNGALUCE 3m	1	Covers an escape route of 11,8 m with 1 lux along the centre line and >0,5 lux within 1 metre from the center line
	2	Centre distance of 13 m between luminaires covers an escape route of 24,8 m with 1 lux along the centre line and > 0,5 lux within 1 m from the centre line
LARGALUCE 3m	1	Covers an area of 11,3x11,3 m with 0,5 lux at least except for 0,5 m around the perimeter
	4	Centre distances of 8,6 m cover an area of 16,7 m x 16,7 m at least 0,5 lux except for 0,5 m around the perimeter.
ALTALUCE 7m	1	Covers an area of 9,3 m x 9,3 m with 0,5 lux at least except for 0,5 m around the perimeter
	4	Centre distance of 11 m covers an area of 20,5 m x 20,5 m at least 0,5 lux except for 0,5 m around the perimeter.

Inverter ECOLED

Professional emergency lighting fixture

VERSATILITY OF USE
Three lenses supplied to customize the light beam

STANDARD COMPLIANCE
doesn't affect features of the luminaire in which is installed

EASY INSTALLATION
supplied Mounting clips for installation on T5 and T8 tubes

HIGH LUMINOUS EFFICIENCY
Thanks to high efficiency led and heatsink



THE UNIVERSAL EMERGENCY FIXTURE

SUITABLE TO BE INSTALLED
ON MOST COMMON LIGHTING FIXTURES



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