

Lungalargaluce LED Opticom

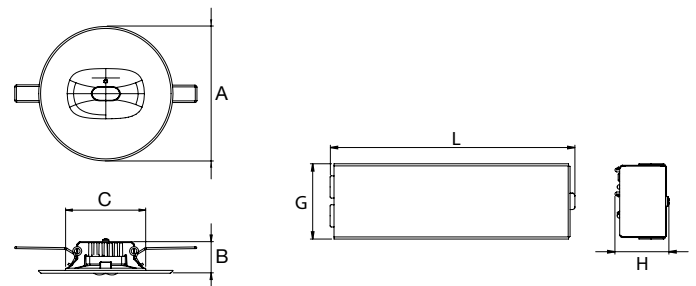
Recessed LED Emergency



GENERAL CHARACTERISTICS

Power**	24 W
Power supply	230Vac ± 10% 50Hz
Operation	Maintained (SA) / Not Maintained (SE)
Standard	EN 50172, EN 60598-1, EN 60598-2-2, EN 60598-2-22, CEI EN 62471
Protection grade	IP42, IK07
Autonomy	1h, 1,5h, 2h, 3h, 8h selectable with DIP switch in the LG and LGFM versions
Recharge	6h
Working temp.	-20°C ÷ +50°C (Titanium Battery)
Mounting	suspended ceiling, recessed
Control Gear	Independent separate emergency controlgear with inner rechargeable battery
Housing	Polycarbonate white RAL 9010
Optics	lenses in highly transparent PMMA
Light source	LED

** Indicative power for comparison with fluorescent tube fixtures



Power**	• Dimensions (mm) •					
W	A	B	C	L	G	H
24	120	28	80 ±100	204	63	46

** Indicative power for comparison with fluorescent tube fixtures

Lenses

supplied

Order code	Description
-	LUNGALUCE - wide light beam for corridors and escape routes
-	LARGALUCE - symmetric light beam for main area - antipanic light - ceiling mounting
19346	DIFFUSALUCE - symmetric light beam for main area - antipanic light - ceiling mounting (OPTIONAL)
19345	ALTALUCE - spot light beam - ceiling mounting (OPTIONAL)

System Modules

to be ordered separately

Order code	Description	
15036	LG MODULE	LG
15037	LGFM MODULE	LGFM
15038	DALI MODULE ***	DALI

*** Contact the Beghelli sales network for availability

Titanium Battery



- 1 Withstands extreme operating temperatures:** -20°C ÷ +50°C
- 2 LONG LIFE** with at least 7,000 charge cycles guaranteed, devices can boast 10 years of useful life
- 3 MAXIMUM SAFETY:** unlike normal Lithium batteries, the material used on these accumulators renders them particularly safe, even when a short circuit or perforation occurs

DALI
MODULE
15038

LG
MODULE
15036

LGFM
MODULE
15037

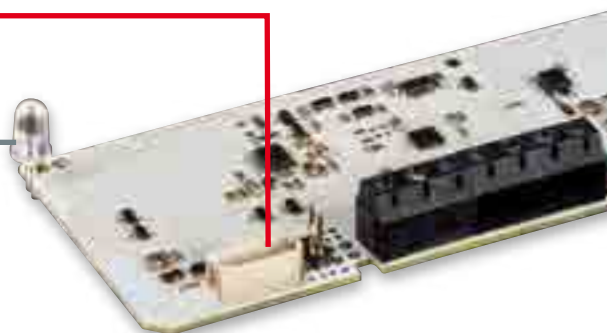
MODULES AVAILABLE TO EXTEND THE SYSTEM CONTROL TO LG, LGFM, DALI



INTELLIGENT PHOTOSENSOR SUPPLIED

opticom
TECHNOLOGY

Smartphone interface
Smartphone interface to control and set up the system



LENS	Lamps	Cover
LUNGALUCE 3m	1	It covers an escape route of 17.1 m with 1 lux in the middle and >0.5 lux within 1 m of the middle
	2	Centre distance 18m between the lamps covering an escape route of 35.1 m with 1 lux in the middle and >0.5 lux within 1 m of the middle
LARGALUCE 3m	1	Covers a surface of 11.3m x 11.3m with at least 0.5lux with the exception of a 0.5 m perimeter
	4	Centre distance 13.2m covering a surface of 24.5m x 24.5m with at least 0.5lux with the exception of a 0.5 m perimeter
DIFFUSALUCE 2.5m	1	Covers a surface of 7x3 m with at least 0.5lux with the exception of a 0.5 m perimeter
	2	Centre distance 6.5m covering a surface of 2x3m with at least 0.5lux with the exception of a 0.5 m perimeter
ALTALUCE	1	Covers a surface of 12,4x12,4 m with at least 0.5lux with the exception of a 0.5 m perimeter
	2	Centre distance 14,4 m covering a surface of 26,8x26,8 m with at least 0.5lux with the exception of a 0.5 m perimeter

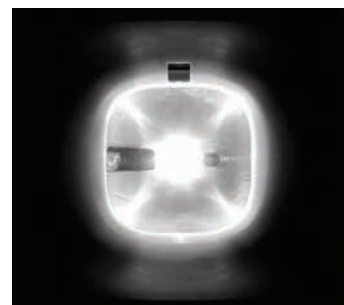
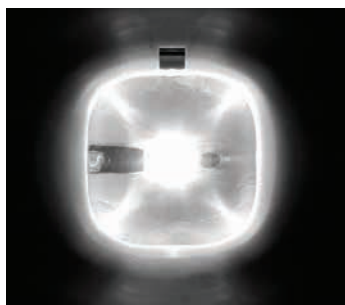
One fixture for several applications

LUNGALUCE - LONG LENS

LARGALUCE - WIDE LENS

DIFFUSALUCE

ALTALUCE



AT

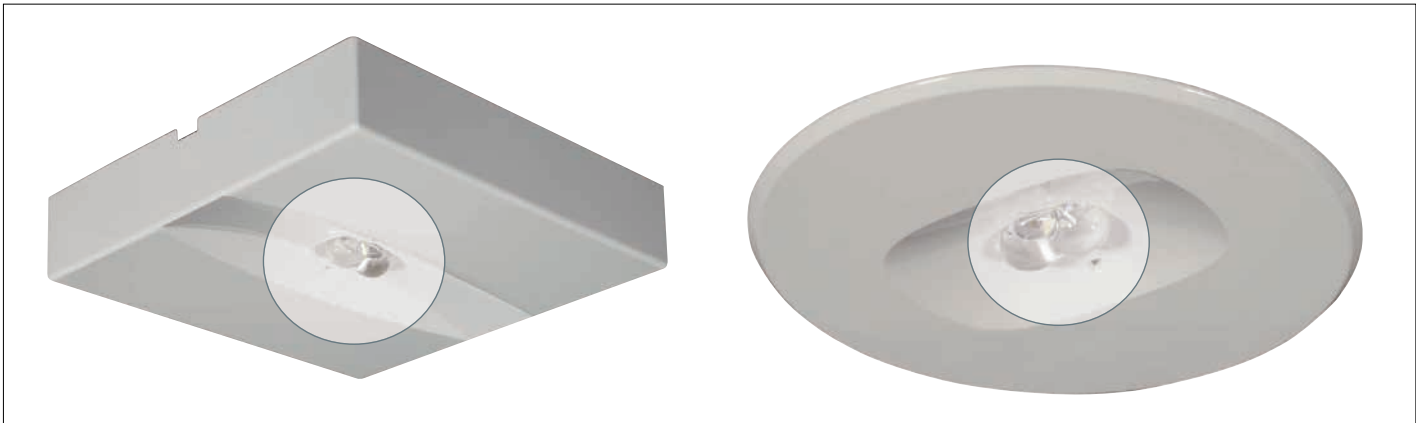


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TECHNOLOGY

	W*	Order Code	Description	Version	Autonomy	Battery	n° LEDs	Flux** SE lm	Flux SA lm	Absorption W	Weight kg	Pack
	24	19338	LLARG DWRC AT OPT 24W SA LTO	SE/SA/PS	1h, 1,5h, 2h, 3h, 8h	2xLTO 7.2V 0,5Ah	1250	-	10,8	6		

* Indicative power for comparison with fluorescent tube fixtures ** Minimum flux guaranteed according to EN 60598-2-22

One fixture for several applications



Lungaluce - long lens
mounted at a height of 3m it covers
an escape route of 17.1m with 1 lux
in the middle
and > 0.5 within 1m



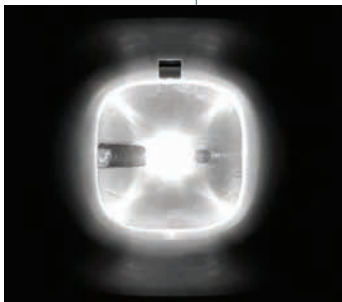
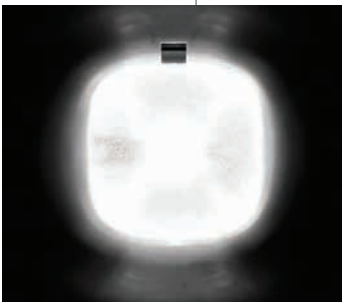
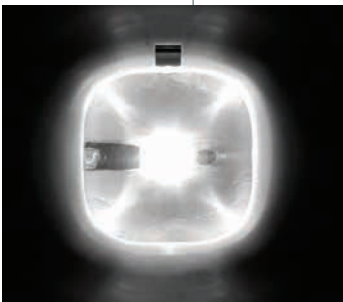
Largaluce - wide lens
mounted at a height of 3m it
illuminates a surface of 11.3x11.3m
at 0.5 lux (128 sq.m)



Diffusaluce - diffused lens
mounted on the wall at a height of
2.5m it illuminates a surface of 7x3
m at 0.5 lux (21 sq.m)



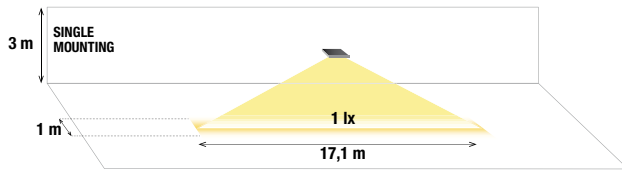
Altaluce - high lens
mounted at a height of 7m
it illuminates a surface of
12,4x12,4 m at 0.5 lux



Emergency light calculation on the ground

Lungaluce - wide light beam lens - corridors, escape routes

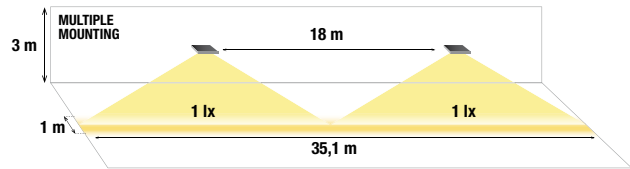
lens efficiency 87%



Single mounting

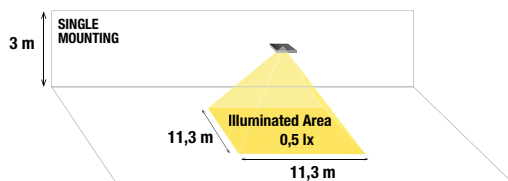
covering an escape route of 17.1m with 1 lux in the middle and > 0.5 within 1m

Multiple mounting, fixture centre distance 18m
covering an escape route of 35.1m with 1 lux in the middle and > 0.5 within 1m



Largaluce - symmetric light beam - main areas

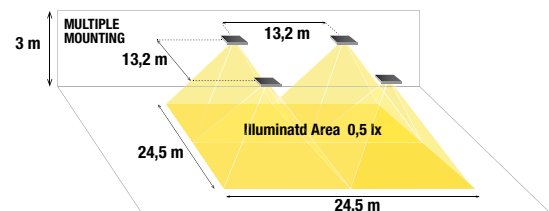
lens efficiency 95%



Single mounting

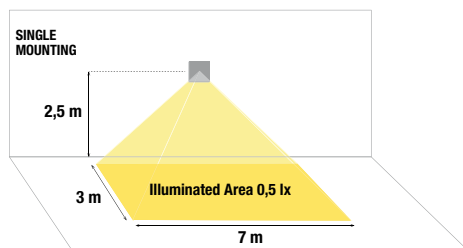
illuminates a surface of 11.3x11.3m at 0.5 lux (128 sq.m)

Multiple mounting, fixture centre distance 13,2m
illuminates a surface of 24.5x24.5m at 0.5 lux (600 sq.m)



Diffusaluce - symmetric light beam - main areas - antipanic light

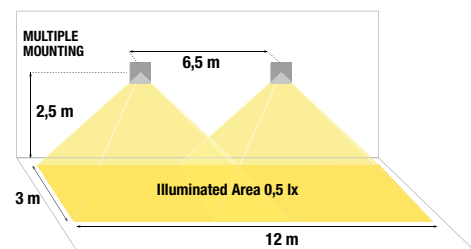
lens efficiency 85%



Single mounting

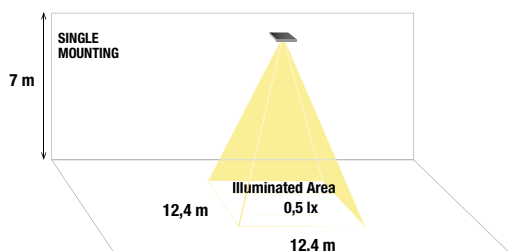
illuminates a surface of 7x3 m at 0.5 lux (21 sq.m)

Multiple mounting, fixture centre distance 6,5m
illuminates a surface of 12x3m at 0.5 lux (36 sq.m)



Altaluce - spot light beam - ceiling mounting

lens efficiency 95%



Single mounting

illuminates a surface of 12.4x12.4 m at 0.5 lux (154 sq.m)

illuminates a surface of 26.8x26.8m at 0.5 lux (718 sq.m)

