

Formula 65 LED AT Opticom

LED Emergency



GENERAL CHARACTERISTICS

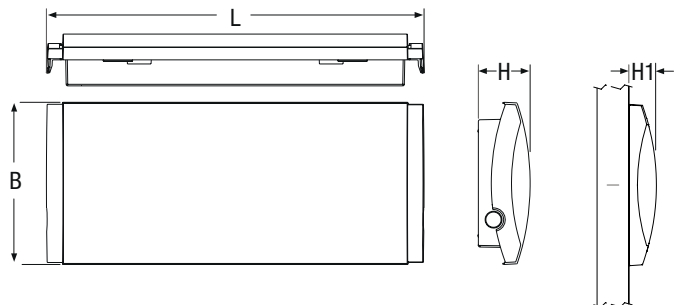
Power*	8, 11, 24 W
Power supply	230Vac ± 10% 50Hz
Operation	Maintained (SA), Not Maintained (SE)
Standard	EN 60598-1, EN 60598-2-2, EN 60598-2-22, EN 1838, EN 50172, EN 62034
Protection grade	IP65, IK07
Autonomy Opticom	1h, 1,5h, 2h, 3h, 8h
Working temp.	-20°C ÷ +50°C (Titanium Battery)
Mounting	recessed, wall, ceiling, suspended ceiling, wall bracket
Housing	White Polycarbonate RAL 9003
Optics	Symmetrical, white
Diffuser	Transparent Polycarbonate
Light source	LED

* Indicative power for comparison with fluorescent tube fixtures

Device for emergency lighting that is highly flexible in use. The symmetry and the great uniformity of its illumination means that Formula 65 LED AT Opticom can be installed without a pre-fixed positioning, to the walls, ceiling, suspended or recessed.

The white Polycarbonate body houses a double-reflective optic that in turn integrates two highly efficient LED series (greater than 160 lumen/Watt). The high-transparent Polycarbonate diffuser was designed to seal in the optic group so that the device offers a IP65 protection level. The external shell features a number of pre-scored access points for direct fitting on all the most common junction or RECESSED boxes.

The standard autonomy of 1h can be extended to 1.5h, 2h, 3h or 8h using the Opticom Technology app to automatically change the luminous flux.



Accessories

supplied

Order code	Description
-	CABLE GLAND FORMULA 65
-	ADAPTER TUBE 16/20 WHITE
19044	ADHESIVE SX DX BS F65 (ONLY FOR SA MODELS)

Power* W	• Dimensions (mm) •			H1	Visibility Distance (VD)	
	L	B	H		wall	suspended
8	354	152	48.5	26	25 m	28 m
11	354	152	48.5	26	25 m	28 m
24	354	152	48.5	26	25 m	28 m

* Equivalent power for comparison with fluorescent lighting fixture

System Modules

to be ordered separately

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

*** Contact the Beghelli sales network for availability

Accessories

to be ordered separately

Order code	Description
19040	RECESSED BOX + FRAMES F65
19041	CEILING BRACKET F65
19045	WALL BRACKET SUSPENDED F65
19042	DOUBLE SIDED SCREEN WITH LEFT/RIGHT ARROWS F65
19043	DOUBLE SIDED SCREEN WITH DOWN ARROWS F65

**DALI
MODULE**
15038

**LG
MODULE**
15036

**LGFM
MODULE**
15037

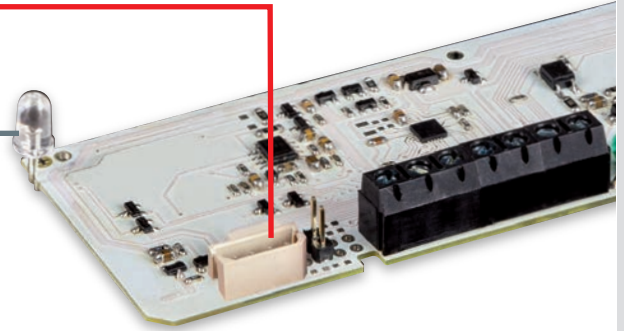
MODULES AVAILABLE TO EXTEND THE SYSTEM CONTROL TO LG, LGFM, DALI



INTELLIGENT PHOTSENSOR SUPPLIED

opticom
TECHNOLOGY

Smartphone interface
Smartphone interface to control and set up the system



FORMULA
65

Titanium Battery



- 1 QUICK CHARGING:** the autonomy of the device on which it is installed can reach up to 80% in less than 2 hours
- 2 Withstands extreme operating temperatures:** -20°C ÷ +50°C
- 3 LONG LIFE** with at least 7,000 charge cycles guaranteed, devices can boast 10 years of useful life
- 4 MAXIMUM SAFETY:** unlike normal Lithium batteries, the material used on these accumulators renders them particularly safe, even when a short circuit or perforation occurs

Titanium Recharging time (max)

8, 11	105 min
24	145 min
24GL	210 min

AT



opticom
TECHNOLOGY

W*	Order code	Description	Model	Autonomy	Battery	N° LED	Flux** SE lm					Flux SA lm	Power consum. max W	Weight kg	Pack single
							1h	1,5h	2h	3h	8h				
8	19290	F65LED 8W IP65 AT OPT SE8LTO	SE	1-1,5-2-3-8h	LTO 4.8V 1.2Ah	12	250	170	130	85	35	-	7,5	0,5	1/6
11	19291	F65LED 11W IP65 AT OPT SE8LTO	SE	1-1,5-2-3-8h	LTO 4.8V 1.2Ah	12	315	210	160	110	45	-	7,5	0,5	1/6
24	19292	F65LED 24W IP65 AT OPT SE8LTO	SE	1-1,5-2-3-8h	2xLTO 4.8V 1.2Ah	12	550	370	280	190	80	-	7,5	0,6	1/6
24GL	19293	F65LED 24GL IP65 AT OPT SE8LTO	SE	1-1,5-2-3-8h	2xLTO 4.8V 1.2Ah	18	800	540	410	280	115	-	7,5	0,6	1/6
11	19294	F65LED 11W IP65 AT OPT SA8LTO	SE/SA	1-1,5-2-3-8h	LTO 4.8V 1.2Ah	12	315	210	160	110	45	130	7,5	0,5	1/6
24	19295	F65LED 24W IP65 AT OPT SA8LTO	SE/SA	1-1,5-2-3-8h	2xLTO 4.8V 1.2Ah	12	550	370	280	190	80	150	7,5	0,6	1/6
24GL	19296	F65LED 24GL IP65 AT OPT SA8LTO	SE/SA	1-1,5-2-3-8h	2xLTO 4.8V 1.2Ah	18	800	540	410	280	115	200	7,5	0,6	1/6

LG

with System Module integration - order code 15036

LGFM

with System Module integration - order code 15037

DALI

*** with System Module - Order code 15038

* Indicative power for comparison with fluorescent tube fixtures ** Minimum flux guaranteed according to EN 60598-2-22 *** Contact the Beggelli sales network for availability

Accessories

WALL INSTALLATION WITH SPIRIT LEVEL

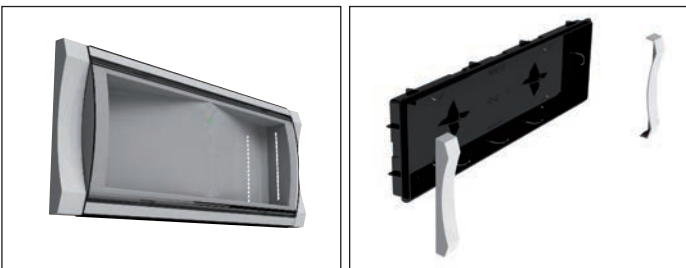


- SPIRIT LEVEL

CEILING MOUNTING



RECESSED MOUNTING



19040 RECESSED BOX + FRAMES F65

to be ordered separately

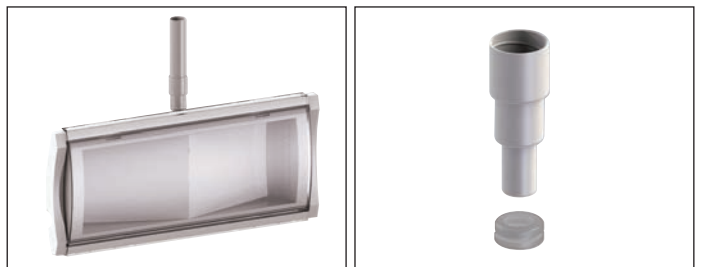
RECESSED MOUNTING ON SUSPENDED CEILING



19041 CEILING BRACKET F65

to be ordered separately

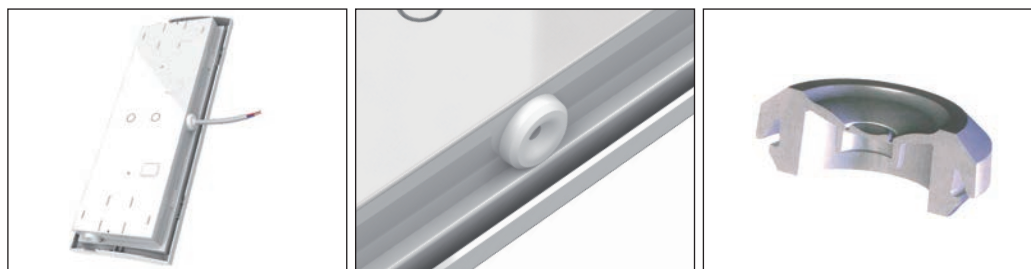
ADAPTER GLAND



- PG16/PG20 ADAPTER

supplied

CABLE GROMMETS



- 3 IP CABLE GROMMETS

supplied

RECESSED INTO SUSPENDED CEILING



- 19041** CEILING BRACKET F65 to be ordered separately
- 19042** DOUBLE SIDED SCREEN WITH LEFT/RIGHT ARROWS to be ordered separately
- 19043** DIFFUSER SUSPENDED WITH DOWN ARROWS to be ordered separately

WALL MOUNTING



- 19045** WALL BRACKET to be ordered separately
- 19042** DOUBLE SIDED SCREEN WITH DOWN ARROWS to be ordered separately
- 19043** DIFFUSER SUSPENDED WITH DOWN ARROWS to be ordered separately

EXIT SIGNS (Visibility Distance VD in table)



19044 ADHESIVE RIGHT, LEFT, DOWN

supplied