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EMERGENCY EXIT LUMINAIRES - LED
SOMON XLED2 / WELCO

PRODUCT CODE	RATED DURATION	OPERATING MODE*	LIGHT SOURCE	ROUTING MODE	TYPE OF MOUNTING
BYPL06-S-XLED2/WELCO	3 h	Maintained	20 x SMD LED	Single-sided	Surface Mounted

* Maintained: Lights on mains and stays alight in case of the mains failure.

Wireless communication, Wi-Fi (802.11 b/g/n)
Possible to access from anywhere in the world with cloud technology
Remote monitoring and testing with WELCO software
Indoor and outdoor use
Polycarbonate case and glass
Moisture-proof
SMD LED application
High energy saving
Long life-time (50.000 hours)
Emergency lighting function by interruption of the unswitched phase
Emergency lighting function in case of low-voltage
3 hours duration in case of emergency
Status display with green and red LEDs
Test switch
High-temperature Ni-Cd battery cells
Overcharge and deep discharge protection
Wall mounted
Optional - 110 VAC compatibility
Optional - LiFePO4 or Ni-MH battery application

MAINS DATA

PRODUCT CODE	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
BYPL06-S-XLED2/WELCO	5,05	0,036	0,60	108 x 341 x 60	0,630	1

* Measured under 230 V mains.

Please refer to "Pictogram Table" in Emergency Exit Luminaries Overview section of the catalogue for alternatives.

Welco — wireless emergency lighting control
WiFi | CE | RoHS | LED

SELV | 230 VAC 50/60 Hz | IP 65 | GW 850°C | FR4 PCB | SMD | Ni-Cd | EN 60598-2-22 | EN 62034

OSRAM — LED Technology included
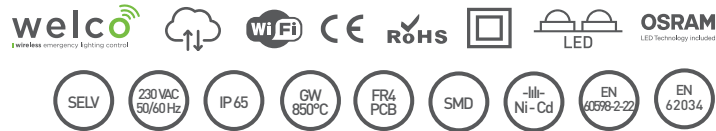
In accordance with EN 60598-1, EN 60598-2-22, EN 62034 standards.

WIRING DIAGRAM

Unswitched Line (Live)
Neutral

Colors of Supply Cord	
Live	Brown
Neutral	Blue

2X

TECHNICAL DRAWING

260 | 20
60 | 20 | 80

TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	SIGN DIMENSIONS :	90 x 318 mm
AMBIENT TEMPERATURE (ta) :	-5 °C ... +40 °C	VIEWING DISTANCE :	16 m
RATED DURATION :	3 h	PROTECTION CLASS :	IP 65
BATTERY CHARGING TIME :	24 h	INSULATION CLASS :	II
BATTERY TYPE :	3,6 V Ni-Cd		

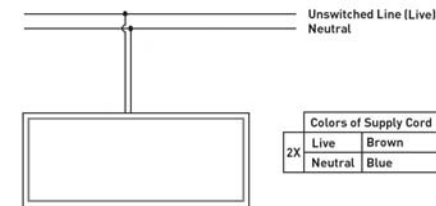### LED INDICATION FUNCTIONS

Permanent GREEN	Charge mode
Fast flashing GREEN (0,1s on - 0,1s off)	Function test
Slow flashing GREEN (1s on - 1s off)	Duration test
Permanent RED	Load failure
Slow flashing RED (1s on - 1s off)	Battery failure
Fast flashing RED (0,1s on - 0,1s off)	Charging failure
Double pulsing GREEN	Inhibit mode
Binary transmission of address via GREEN/RED	Addressing or identification
GREEN and RED off	Emergency mode

TEST SWITCH FUNCTIONS

Short press (<1s)	Starts the function test or terminate the all tests.
Long press (>5s)*	Starts the duration test.

* The battery must be 100% full before the duration test can be started.