EMERGENCY EXIT LUMINAIRES - LED

ORFOZ / DALI

- 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
- Remote control and test with DALI interface
- High-temperature Ni-Cd battery cells
- Overcharge and deep discharge protection
- Ceiling mounted
- Optional - 110 VAC compatibility
- Optional - LiFePO4 or Ni-MH battery application

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

SELV | 230 VAC 50/60 Hz | IP 65 | GW 850°C | FR4 PCB | SMD | -|||- Ni-Cd | EN 60598-2-22 | EN 62386

In accordance with EN 60598-1, EN 60598-2-22, EN 62386 standards.

PRODUCT LIST

PRODUCT CODE	RATED DURATION	OPERATING MODE*	LIGHT SOURCE	ROUTING MODE	TYPE OF MOUNTING
BYPL02-S-XLED2/DALI	3 h	Maintained	20 x SMD LED	Double-sided	Surface Mounted

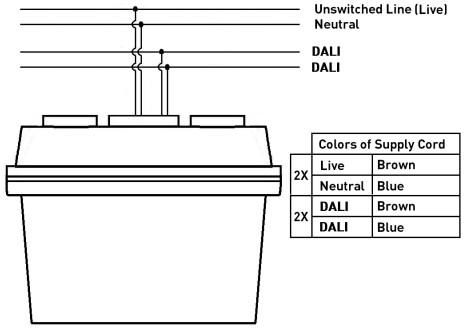
* Maintained: Lights on mains and stays alight in case of the mains failure.

MAINS DATA

PRODUCT CODE	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
BYPL02-S-XLED2/DALI	5,0	0,036	0,60	108 x 341 x 245	1,070	1

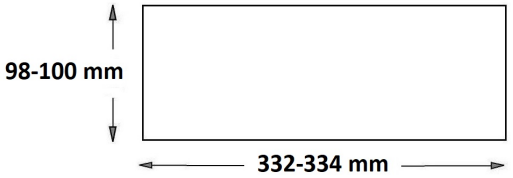
* Measured under 230 V mains.

WIRING DIAGRAM



	Colors of Supply Cord	
2X	Live	Brown
	Neutral	Blue
2X	DALI	Brown
	DALI	Blue

RECESSED MOUNTING HOLE SIZE



TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	SIGN DIMENSIONS :	140 x 280 mm
AMBIENT TEMPERATURE (ta) :	-5 °C ... +40 °C	VIEWING DISTANCE :	24 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

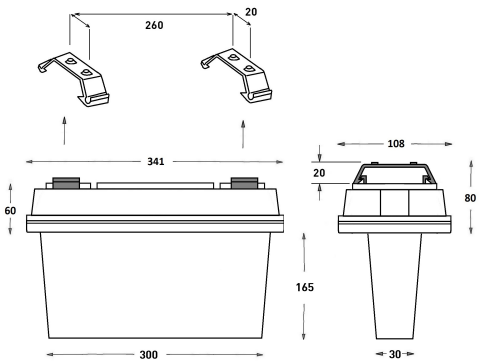
Permanent GREEN	Charge mode
Fast flashing GREEN (0,1s on - 0,1s off)	Function test
Slow flashing GREEN (1s on - 1s off)	Duration test
Permanent RED	Load failure
Slow flashing RED (1s on - 1s off)	Battery failure
Fast flashing RED (0,1s on - 0,1s off)	Charging failure
Double pulsing GREEN	Inhibit mode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

TEST SWITCH FUNCTIONS

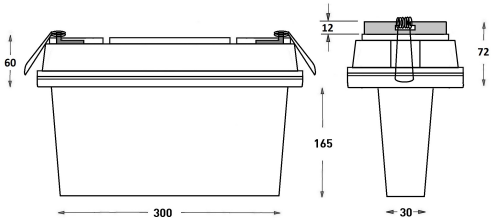
Short press (<1s)	Starts the function test or terminate the all tests.
Long press (>5s)*	Starts the duration test.

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

TECHNICAL DRAWING / SURFACE MOUNTED



TECHNICAL DRAWING / RECESSED



Beş A reserves the right to change the technical and visual specifications and/or to discontinue the products without prior notice.