Beş A

EMERGENCY EXIT LUMINAIRES - LED
TUNA L / DALI

Single- or double-sided
Anodized aluminum case
Polycarbonate side cover and hanger
SMD LED application
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
Transparent Plexiglas with screen printed
Side lighting
Ceiling mounted, ceiling recessed or wall mounted
Optional - 110 VAC compatibility
Optional - Metal hanger, hook or steel wire
Optional - LiFePO4 or Ni-MH battery application

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

elco
emergency lighting control

IECEE

DALI

CE

RoHS

LED

OSRAM
LED Technology included

SELV | 230 VAC 50/60 Hz | IP 20 | 41 ALU | GW 850°C | FR4 PCB | SMD | -IIII- Ni-Cd | EN 60598-2-22 | EN 62386

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

PRODUCT LIST

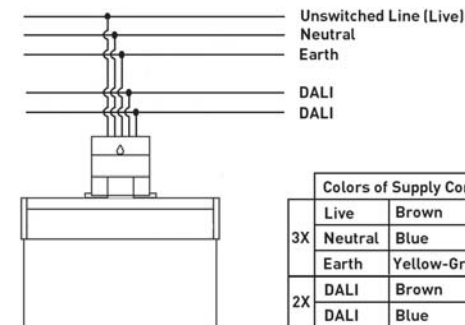| PRODUCT CODE	RATED DURATION	OPERATING MODE*	LIGHT SOURCE	ROUTING MODE	TYPE OF MOUNTING
BYAL-L08/DALI-CY/SU	3 h	Maintained	12 x SMD LED	Double-sided	Surface Mounted - Plastic Hanger
BYAL-L08/DALI-CY/SUMA	3 h	Maintained	12 x SMD LED	Double-sided	Surface Mounted - Steel Wire
BYAL-L08/DALI-CY/MT	3 h	Maintained	12 x SMD LED	Double-sided	Surface Mounted - Metal Hanger
BYAL-L08/DALI-CY/SA	3 h	Maintained	12 x SMD LED	Double-sided	Recessed Mounted

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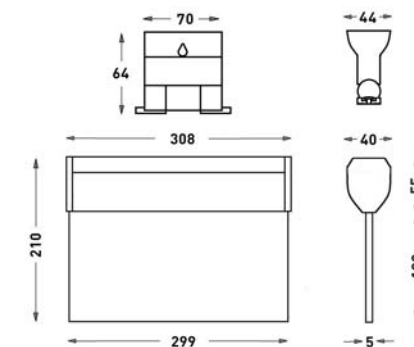
MAINS DATA

PRODUCT CODE	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
BYAL-L08/DALI-CY/SU	4,82	0,032	0,63	40 x 304 x 235	0,700	1
BYAL-L08/DALI-CY/SUMA	4,82	0,032	0,63	40 x 304 x 235	0,700	1
BYAL-L08/DALI-CY/MT	4,82	0,032	0,63	40 x 304 x 235	0,700	1
BYAL-L08/DALI-CY/SA	4,82	0,032	0,63	102 x 372 x 235	1,255	1

* Measured under 230 V mains.

RECESSED MOUNTING HOLE SIZE

WIRING DIAGRAM

Unswitched Line (Live)
Neutral
Earth
DALI
DALI

	Colors of Supply Cord	
3X	Live	Brown
	Neutral	Blue
	Earth	Yellow-Green
2X	DALI	Brown
	DALI	Blue

TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	SIGN DIMENSIONS :	180 x 299 mm
AMBIENT TEMPERATURE (ta) :	0 °C ... +40 °C	VIEWING DISTANCE :	36 m
RATED DURATION :	3 h	PROTECTION CLASS :	IP 20
BATTERY CHARGING TIME :	24 h	INSULATION CLASS :	I
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 MOUNTED

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

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