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EMERGENCY EXIT LUMINAIRES - LED
TUNA L / DALI
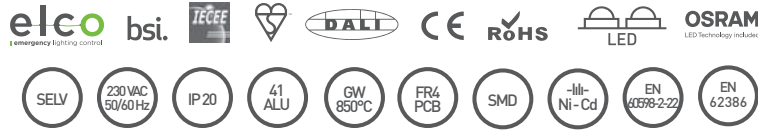
Single- or double-sided
Anodized aluminum case
Polycarbonate side cover and hanger
SMD LED application
Status display with green and red LEDs
Test switch
Remote control and test with DALI interface
High-temperature Ni-Cd battery cells
Overcharge and deep discharge protection
Transparent Plexiglas with 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.

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

PRODUCT LIST

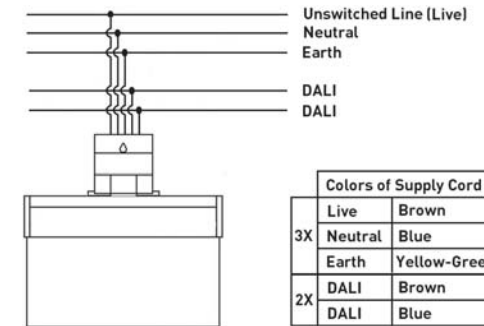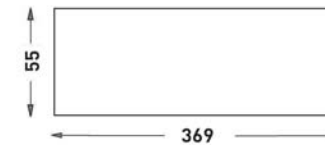| PRODUCT CODE	RATED DURATION	OPERATING MODE*	LIGHT SOURCE	ROUTING MODE	TYPE OF MOUNTING
BYAL-L08/DALI-CY/SU	3 h	Maintained	12 x SMD LED	Double-sided	Surface Mounted - Plastic Hanger
BYAL-L08/DALI-CY/SUMA	3 h	Maintained	12 x SMD LED	Double-sided	Surface Mounted - Steel Wire
BYAL-L08/DALI-CY/MT	3 h	Maintained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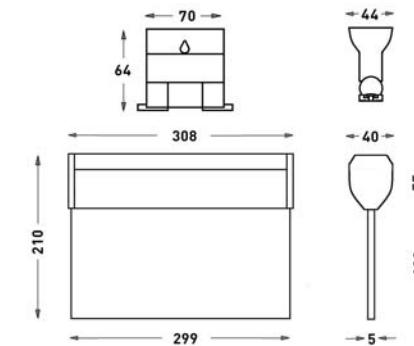
MAINS DATA

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

55

369

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

70
64
308
210
299
44
40
55
180
5

TECHNICAL DRAWING / RECESSED MOUNTED

376
210
299
102
55
180