

## EMERGENCY LIGHTING LUMINAIRES – LED TETRA PW3 / DALI

PRODUCT CODE	RATED DURATION	OPERATING MODE*	LIGHT SOURCE	LIGHT INTENSITY on EMERGENCY**	TYPE of MOUNTING	BATTERY CHARGING TIME
AA209-PW3/DALI	3 h	Non-Maintained	2x9W LED	1590 -> 1340 lm	Surface Mounted	24 h

\* Non-maintained : Lights in case of the mains failure.

\*\* In lumen values, the larger value indicates the measurement in 60 seconds, the smaller value indicates the value at the end of 3 h.

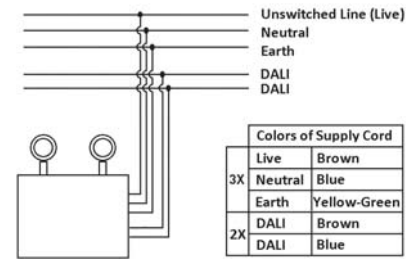
### MAINS DATA

PRODUCT CODE	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
AA209-PW3/DALI	1,25 - 8,90	0,010 - 0,058	0,50 - 0,67	98 x 255 x 205	4,50	1

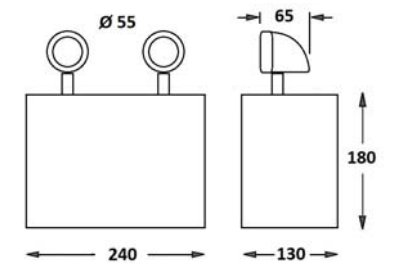
\* Measured under 230 V mains.

Maximum values are measured with discharged batteries and values are minimum measured with full-charged batteries.

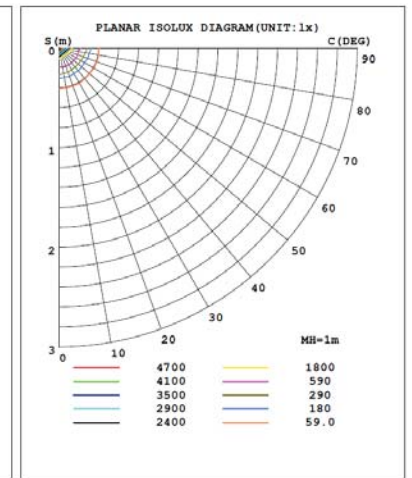
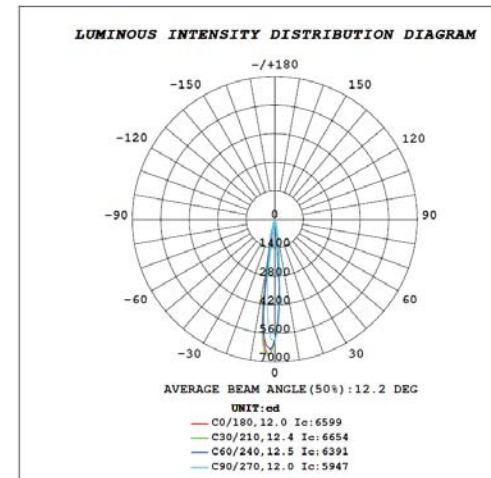
### WIRING DIAGRAM



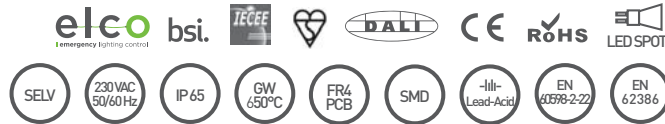
### TECHNICAL DRAWING



### LIGHT DISTRIBUTION CURVE



180° adjustable LED headlamp  
SMD power LED application  
Long life-time (30.000 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  
Maintenance-free sealed lead acid battery  
Overcharge and deep discharge protection  
Charging circuit with constant voltage and current protect  
Wall mounted  
ABS case  
Optional - 110 VAC compatibility  
Optional - LiFePO4 battery application



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

### TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	HEADLAMP TYPE :	9W LED
AMBIENT TEMPERATURE (ta)* :	+10 °C ... +40 °C	CASE MATERIAL :	ABS
RATED DURATION :	3 h	PROTECTION CLASS :	IP 65
BATTERY TYPE :	12V Lead-Acid	INSULATION CLASS :	I

\* Optionally, it is produced in accordance with the ambient temperature range of ta = -5 °C... +40 °C.

### 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.

\* Above curve is measured data just for one headlamp