

EMERGENCY LIGHTING LUMINAIRES SENSORLIGHT – LED MANTA LED / DALI

PRODUCT LIST



- Indoor and outdoor use
- Polycarbonate case
- Soft lighting with sanded glass
- Microwave radar sensor
- Adjustable lighting duration
- Adjustable night / day working mode
- High energy saving with LED lighting
- Long life-time (50.000 hours)
- 4000 K / 6500 K Color temperature
- Emergency lighting function by interruption of the unswitched phase
- 3 hours duration in case of emergency
- Status display with green and red LEDs
- Remote control and test with DALI interface
- High-temperature Ni-Cd battery cells
- Overcharge and deep discharge protection
- Wall and ceiling mounted
- Optional - 110 VAC compatibility
- Optional - LiFePO4 or Ni-MH battery application
- As battery kit, EMLUS-SLED/DALI is used

PRODUCT CODE*	RATED DURATION	OPERATING MODE**	LIGHT SOURCE	LIGHT INTENSITY on ENERGY/EMERGENCY	TYPE OF MOUNTING	BATTERY CHARGING TIME
AA105-MANTA-L6D/350/E3	3 h	Maintained	16 W / 3 W LED	1750 lm / 250 lm	Surface Mounted	24 h
AA105-MANTA-L6SD/350/E3	3 h	Sensor+Maintained	16 W / 3 W LED	1750 lm / 250 lm	Surface Mounted	24 h
AA105-MANTA-L6SD/500/E3	3 h	Sensor+Maintained	23 W / 3 W LED	2500 lm / 250 lm	Surface Mounted	24 h

* DALI compatibility only in emergency mode

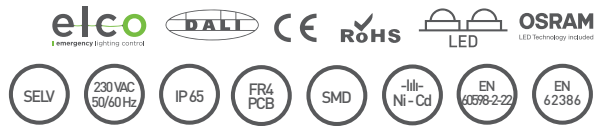
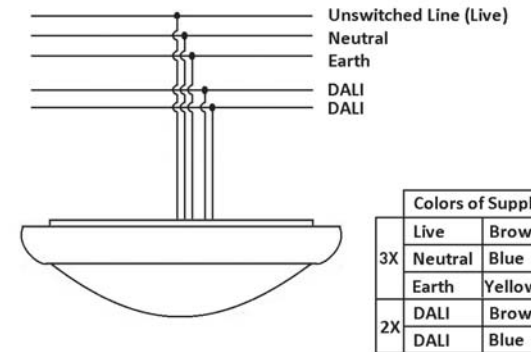
** Maintained: Lights on mains and stays alight in case of the mains failure. (With battery kit)
Sensor: Lights on mains through sensor.

MAINS DATA

PRODUCT CODE	STAND-BY GÜCÜ (W)*	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
AA105-MANTA-L6D/350/E3	3,0	23,7	0,140	0,73	320 x 320 x 115	1,70	1
AA105-MANTA-L6SD/350/E3	3,7	25,2	0,169	0,64	320 x 320 x 115	1,75	1
AA105-MANTA-L6SD/500/E3	3,7	32,6	0,198	0,71	320 x 320 x 115	1,75	1

* Measured under 230 V mains.

WIRING DIAGRAM



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

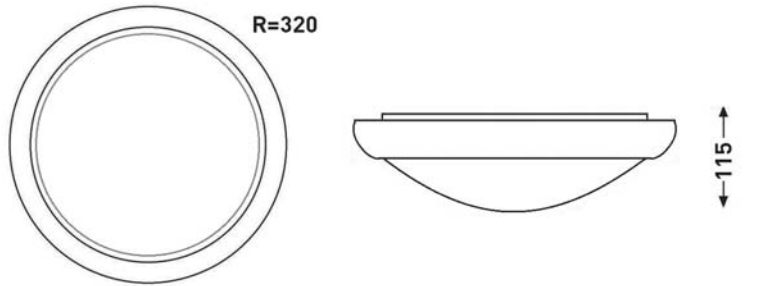
TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	SENSOR TYPE :	Microwave Radar Sensor
AMBIENT TEMPERATURE (ta) :	-5 °C ... +40 °C	CASE MATERIAL :	Polycarbonate
RATED DURATION :	3 h	LIGHT SOURCE :	SMD LED
BATTERY CHARGING TIME :	24 h	PROTECTION CLASS :	IP 65
BATTERY TYPE :	3,6 V Ni-Cd	INSULATION CLASS :	I

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

TECHNICAL DRAWING



PHOTOMETRY DATA

Open Area (Anti-Panic) Lighting (for min. 0,5 lux)			Escape Route Lighting (for min. 1 lux)		
Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)	Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)
2,00	2,25	4,00	2,00	2,25	4,25
2,50	2,50	5,00	2,50	2,50	5,00
3,00	2,75	5,50	3,00	2,75	5,50
3,50	3,00	6,25	3,50	2,75	5,75
4,00	3,25	6,50	4,00	2,75	6,25

LIGHT DISTRIBUTION CURVE

