



## General Information

- Selectable intermittent or continuously lit model,
- High temperature type Ni-Cd or Ni-Mh battery,
- Class 2 (Class II) grounding structure,
- Polycarbonate body and glass,
- In the etanging armature class, Indoor and outdoor use,
- High energy saving,
- Long LED life (50,000 hours),
- Switching with the interruption of the non-switched phase,
- Emergency at low mains voltage,
- 3 hours working time in case of emergency,
- Battery charge indicator with green LED,
- Emergency test button,
- Control of the working time in the emergency with the optional manual switch,
- High temperature resistant, industrial type Ni-Cd battery,
- Battery overcharge and discharge protection,
- Possibility of mounting on a wall, ceiling or suspended ceiling,

# MOON EMERGENCY LIGHTING FIXTURE

## Technical Specifications

<b>Power</b>	:3 W
<b>Input Voltage</b>	:200-240 V AC 50/60 HZ
<b>Power Factor</b>	:>0.50
<b>Battery Charging Time</b>	: 24 hours
<b>Battery Type</b>	:3,6V Ni-Cd / 7,2V Ni-Cd / 7,2V Ni-Mh
<b>Luminous Flux</b>	:375lm
<b>Light Angle</b>	:120°
<b>Light Source</b>	: 20 x SMD LED
<b>Color Temperature (CCT)</b>	:6500K
<b>Color Rendering Index (CRI)</b>	:80+
<b>IP Protection Class</b>	:IP 65
<b>Dimensions</b>	:110 x 340 x 62
<b>Weight</b>	:0,650 kg
<b>Test Standards</b>	:EN 60598-1, EN 60529, LM 79-18, EN 60598-2-22
<b>Warranty Period</b>	:2 Years

## Optical and Electrical Properties

<b>Body / Diffuser</b>	Polycarbonate	<b>CE Marking</b>	Yes
<b>Color Options</b>	White	<b>RoHS Compliance</b>	Yes
<b>Light Source</b>	LED	<b>Lifetime</b>	≥60,000 Hours
<b>Impact Resistance</b>	IK 08	<b>Operating Temperature</b>	-5 °C ... +40 °C
<b>Total Harmonic Distortion</b>	<%20		

## Application Areas



Parking Garages



Industrial  
Kitchen



Car Washes



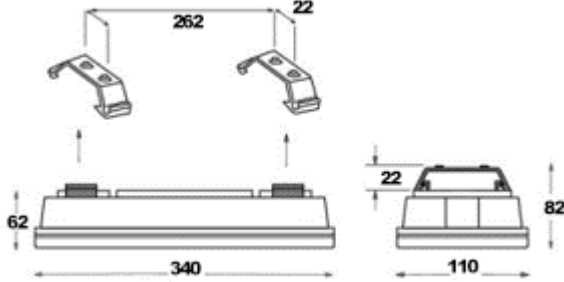
Indoor  
Sports Halls



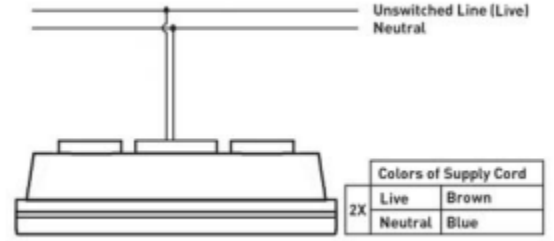
Schools

# MOON EMERGENCY LIGHTING FIXTURE

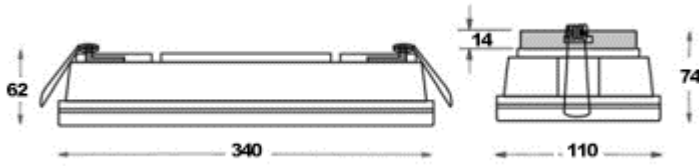
## Technical Drawing / Surface Mounted



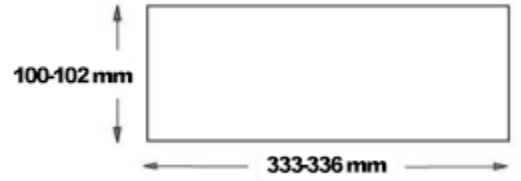
## Connection Diagram



## Technical Drawing / Under Plaster



## Flush Mounting Dimension



## Product Layout Information (1W)

Açık Alan Aydınlatması  
(min. 0,5 lux için)

Kaçış Yolu Aydınlatması  
(min. 1 lux için)

Montaj Yüksekliği (m)	Armatür Duvar Arası Mesafe (m)	Armatür Armatür Arası Mesafe (m)	Montaj Yüksekliği (m)	Armatür Duvar Arası Mesafe (m)	Armatür Armatür Arası Mesafe (m)
2,00	2,00	3,00	2,00	2,00	3,50
2,50	2,25	4,00	2,50	2,25	4,25
3,00	2,75	4,75	3,00	2,50	4,50
3,50	2,75	5,50	3,50	2,50	5,00
4,00	2,75	6,00	4,00	2,25	5,25

## Product Layout Information (3W)

Açık Alan Aydınlatması  
(min. 0,5 lux için)

Kaçış Yolu Aydınlatması  
(min. 1 lux için)

Montaj Yüksekliği (m)	Armatür Duvar Arası Mesafe (m)	Armatür Armatür Arası Mesafe (m)	Montaj Yüksekliği (m)	Armatür Duvar Arası Mesafe (m)	Armatür Armatür Arası Mesafe (m)
2,00	3,00	5,50	2,00	3,00	5,75
2,50	3,50	6,75	2,50	3,50	7,00
3,00	4,00	7,75	3,00	4,00	7,75
3,50	4,25	8,50	3,50	4,25	8,50
4,00	4,50	9,25	4,00	4,25	9,25

# MOON EMERGENCY LIGHTING FIXTURE

## Surface Mounted Product List

Product Code	Power	Emergency Burn Time	Battery Type.	Grid Drawn Power	Power Factor(PF)	Study Mode	Light IntensityIn Energy/Emergency	Routing Type	Weight (kg)	Dimension (mm)
MNL-001SM-01201-865-01E3	1W	3 hours	3.6V 900 mAh Ni-Cd	4	0,58	Continuous	115 lm * 105 lm / 74 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
MNL-001SM-01201-865-02E3	1W	3 hours	3.6V 900 mAh Ni-Cd	1.21	0,31	Emergency	115 lm / 90 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
MNL-002SM-01201-865-02E3	2W	3 hours	3.6V 1800 mAh Ni-Cd	1.73	0,39	Emergency	250 lm / 195 lm**	Flush / Surface Mounted	0,710	110 x 340 x 62
<b>MNL-003SM-01201-865-02E3</b>	<b>3W</b>	<b>3 hours</b>	<b>3.6V 3000 mAh Ni-Cd</b>	<b>2.38</b>	<b>0,43</b>	<b>Emergency</b>	<b>375lm / 293 lm**</b>	<b>Flush / Surface Mounted</b>	<b>0,800</b>	<b>110 x 340 x 62</b>
MNL-004SM-01201-865-02E3	4W	3 hours	3.6V 4000 mAh Ni-Cd	3.24	0,49	Emergency	500 lm / 390 lm**	Flush / Surface Mounted	0,870	110 x 340 x 62
MNL-006SM-01201-865-02E3	6W	3 hours	7.2V 3000 mAh Ni-Cd	3.36	0,54	Emergency	750 lm/585 lm**	Flush / Surface Mounted	1,015	110 x 340 x 62
MNL-008SM-01201-865-02E3	8W	3 hours	7.2V 4000 mAh Ni-Mh	3.45	0,55	Emergency	1000lm / 780 lm**	Flush / Surface Mounted	1,015	110 x 340 x 62

## Recessed Product List

Product Code	Power	Emergency Burn Time	Battery Type.	Grid Drawn Power	Power Factor(PF)	Study Mode	Light IntensityIn Energy/Emergency	Routing Type	Weight (kg)	Dimension (mm)
MNL-001RM-01201-865-01E3	1W	3 hours	3.6V 900 mAh Ni-Cd	4	0,58	Continuous	115 lm * 105 lm / 74 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
MNL-001RM-01201-865-02E3	1W	3 hours	3.6V 900 mAh Ni-Cd	1.21	0,31	Emergency	115 lm / 90 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
MNL-002RM-01201-865-02E3	2W	3 hours	3.6V 1800 mAh Ni-Cd	1.73	0,39	Emergency	250 lm / 195 lm**	Flush / Surface Mounted	0,710	110 x 340 x 62
<b>MNL-003RM-01201-865-02E3</b>	<b>3W</b>	<b>3 hours</b>	<b>3.6V 3000 mAh Ni-Cd</b>	<b>2.38</b>	<b>0,43</b>	<b>Emergency</b>	<b>375lm / 293 lm**</b>	<b>Flush / Surface Mounted</b>	<b>0,800</b>	<b>110 x 340 x 62</b>
MNL-004RM-01201-865-02E3	4W	3 hours	3.6V 4000 mAh Ni-Cd	3.24	0,49	Emergency	500 lm / 390 lm**	Flush / Surface Mounted	0,870	110 x 340 x 62
MNL-006RM-01201-865-02E3	6W	3 hours	7.2V 3000 mAh Ni-Cd	3.36	0,54	Emergency	750 lm/585 lm**	Flush / Surface Mounted	1,015	110 x 340 x 62
MNL-008RM-01201-865-02E3	8W	3 hours	7.2V 4000 mAh Ni-Mh	3.45	0,55	Emergency	1000lm / 780 lm**	Flush / Surface Mounted	1,015	110 x 340 x 62

- \*Continuous: Illuminates when there is energy and when it is cut off.
- \*\*In the Emergency: Illuminates only when the power is cut off.
- \*\*\*For lumen values, the larger value indicates the measurement at 60 seconds, and the smaller value indicates the value at the end of 3 hours.
- \*\*\*Control of 3 hours working time with optional manual switch

## Surface Mounted Keyed Product List

Product Code	Power	Emergency Burn Time	Battery Type.	Grid Drawn Power	Power Factor(PF)	Study Mode	Light IntensityIn Energy/Emergency	Routing Type	Weight (kg)	Dimension (mm)
MNL-001SM-01201-865-01E3(A)	1W	3 hours	3.6V 900 mAh Ni-Cd	4	0,58	Continuous	115 lm * 105 lm / 74 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
MNL-001SM-01201-865-02E3(A)	1W	3 hours	3.6V 900 mAh Ni-Cd	1.21	0,31	Emergency	115 lm / 90 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
MNL-002SM-01201-865-02E3(A)	2W	3 hours	3.6V 1800 mAh Ni-Cd	1.73	0,39	Emergency	250 lm / 195 lm**	Flush / Surface Mounted	0,710	110 x 340 x 62
<b>MNL-003SM-01201-865-02E3(A)</b>	<b>3W</b>	<b>3 hours</b>	<b>3.6V 3000 mAh Ni-Cd</b>	<b>2.38</b>	<b>0,43</b>	<b>Emergency</b>	<b>375lm / 293 lm**</b>	<b>Flush / Surface Mounted</b>	<b>0,800</b>	<b>110 x 340 x 62</b>
MNL-004SM-01201-865-02E3(A)	4W	3 hours	3.6V 4000 mAh Ni-Cd	3.24	0,49	Emergency	500 lm / 390 lm**	Flush / Surface Mounted	0,870	110 x 340 x 62
MNL-006SM-01201-865-02E3(A)	6W	3 hours	7.2V 3000 mAh Ni-Cd	3.36	0,54	Emergency	750 lm/585 lm**	Flush / Surface Mounted	1,015	110 x 340 x 62
MNL-008SM-01201-865-02E3(A)	8W	3 hours	7.2V 4000 mAh Ni-Mh	3.45	0,55	Emergency	1000lm / 780 lm**	Flush / Surface Mounted	1,015	110 x 340 x 62

## Recessed Key Product List

Product Code	Power	Emergency Burn Time	Battery Type.	Grid Drawn Power	Power Factor(PF)	Study Mode	Light IntensityIn Energy/Emergency	Routing Type	Weight (kg)	Dimension (mm)
MNL-001RM-01201-865-01E3(A)	1W	3 hours	3.6V 900 mAh Ni-Cd	4	0,58	Continuous	115 lm * 105 lm / 74 lm**	Flush / Surface Mounted	0,650	110 x 340 x 62
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