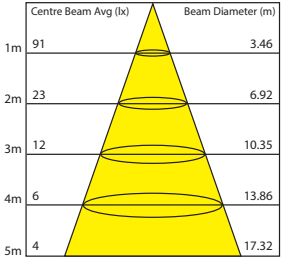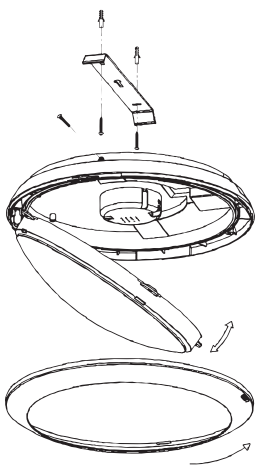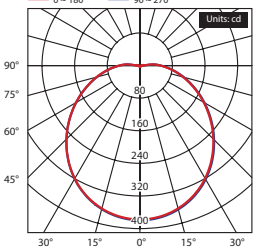# Intelligent LED Oyster Lighting with Backup

LOL-A Series: 16W LED oyster lights in standard, intelligent & backup battery models

The LOL-A oyster light series delivers efficient lighting to any environment. Available in warm or cool white colour temperatures as a standard light, with an intelligent sensor or with an intelligent sensor plus emergency backup battery.

The series features a wide 120° beam coverage and a frosted diffuser to reduce glare. The intelligent oyster light models feature three smart ways to customise your lighting with a fully-configurable ambient light sensor, 5.8GHz microwave motion sensor and light on-timer in tandem. This makes them the perfect lighting solution for areas with intermittent traffic such as in apartment complexes, stairwells, walkways, campuses and more.

- Tailor your light use to further compound energy savings.
- Adjustable light-use controls such as on-time delay.
- Sensor can detect motion through glass and thin walls.

- Robust IP66/IK10 weather & vandal resistant housing.
- Modern design with frosted diffuser and white surround.
- Long lifespan LED lighting: rated for up to 30,000 hours.

Series Specifications

Model	LOL-A16	LOL-A16-S2	LOL-A16-SE
Series Name	LOL-A Series: LED Oyster Lights		
Optical			
Light Output	1200lm		
Luminous Efficacy	75lm/W		
Colour Temperature	3000K / 5000K		
Colour Rendering Index	> 80		
Beam Angle	120°		
Light Decay	< 15% at 10,000 hours		
Rated Lifespan	30,000 hours		
Electrical			
Power Consumption	16W		
Input Voltage	220 ~ 240VAC (50Hz)		
Power Factor	> 0.9		
Dimmable	N/A		
Battery Backup	N/A	N/A	3.7V 1500mAh NiMH >300min uptime at 1.2W
Emergency Brightness	N/A	N/A	20% sensing / 100% on detection
Detection			
Ambient Light Sensor	N/A	< 3 ~ 2000lx (adjustable)	< 5 ~ 2000lx (adjustable)
Motion Detection	N/A	360° Microwave (5.8GHz) / 8m radius (adjustable)	
On-Time Delay	N/A	10s ~ 12min (adjustable)	10s ~ 10min (adjustable)
Standby Light Modes	N/A	0s / 90s/ 5m / 10m / 30m /∞ (20% brightness)	0s / 90s/ 5m / 10m / ∞ (20% brightness)
General			
Ingress Protection	IP66		
Vandal Resistance	IK10		
Plug / Socket / Base	Internal terminal block		
Reflector / Diffuser	Frosted diffuser		
Operating Environment	-20° ~ 50°C		
Dimensions	Ø300 x 95mm		
Photometry	**Diagrams**		
Illuminance at a Distance		**Assembly**	
Luminous Light Distribution			

Ordering Information

Model	Product		Model	Product
LOL-A16-W	16W LED Oyster Light in Warm White		LOL-A16-C	16W LED Oyster Light in Cool White
LOL-A16-WS2	16W LED Oyster Light in Warm White with Sensor		LOL-A16-CS2	16W LED Oyster Light in Cool White with Sensor
LOL-A16-WSE	16W LED Oyster Light in Warm White with Sensor & Backup Battery		LOL-A16-CSE	16W LED Oyster Light in Cool White with Sensor & Backup Battery

Your local ENSA™ lighting solutions professional: