



Intelligent LED Oyster Lighting with Backup

LOL-A Series: 16W LED oyster lights in standard and intelligent models - in warm or cool white

The LOL-A oyster light series delivers efficient lighting to any environment, indoors or outdoors. 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-S	LOL-A16-SE																		
Product Image																					
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	< 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 Brightness	N/A	N/A	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	<table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr> <td>1m</td> <td>91</td> <td>3.46</td> </tr> <tr> <td>2m</td> <td>23</td> <td>6.92</td> </tr> <tr> <td>3m</td> <td>12</td> <td>10.35</td> </tr> <tr> <td>4m</td> <td>6</td> <td>13.86</td> </tr> <tr> <td>5m</td> <td>4</td> <td>17.32</td> </tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	91	3.46	2m	23	6.92	3m	12	10.35	4m	6	13.86	5m	4	17.32	Assembly	
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Luminous Light Distribution	<p>Units: cd</p>																				

Ordering Information

Type	Series	Wattage	Colour Temperature	Features
LOL	-	A	16 (16W)	-
			W (Warm white)	S (Sensor)
			C (Cool white)	SE (Sensor & backup battery)
LOL-A16-CSE: 16W LED Oyster Light in Cool White with Sensor & Backup Battery				

*Backup battery models are not AS2293 certified or intended for use as emergency lighting.