

Outdoor **LED Wall light**

energys[™]



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MEMBER

NEWVISION
TRIDONIC

- Between 50% and 80% energy saving
- Over 100,000 hours life expectancy
- 7 years manufacturer's warranty
- Modern one-piece design
- IP65 Rated
- Low glare
- Emergency versions available



**A very high performance weatherproof wall light for everyday outdoor use.
Emergency versions available.**

Key Features:

Advanced LED chips with efficacy of over 165 lumens per watt, giving 110 lumens per watt on the overall fixture performance inclusive of driver and optical losses.

An all plastic case together with TPa grade polycarbonate diffuser means that there is no glass, mercury or other hazardous substances (unlike CFL lamps) which means these light fittings are not only energy efficient but also environmentally friendly and very safe.

Emergency options available with state-of-the-art Tridonic emergency drivers, both manual and self test versions to choose from.

Unique New Vision drivers design with selectable power output allows the user to modify lighting levels and energy consumption to optimise the installation – all fittings in the New Vision range are powered by just two different 'plug and play' drivers.

IP65 Wall Light

Family : Weather Proof / IP65 Wall Light / OWL

Technical Overview

Product Code	Dimensions Length x Width x height	Chips		Lamp				
		CRI	Efficacy	Photometric		Electrical		
				Efficacy	Lumen	Input Voltage	Input current @ 240Vac	System Power (max.)
OWL-12018-840-A01	Ø325x 100mm	>80	190 lm/W	110 lm/W	1,980 lm	200- 240 Vac (50/60 Hz)	75 mA	18.0 W
OWL-12018-840-A11	Ø325x 100mm	>80	190 lm/W	110 lm/W	1,980 lm		75 mA	18.0 W
OWL-12018-840-A21	Ø325x 100mm	>80	190 lm/W	110 lm/W	1,980 lm		75 mA	18.0 W

notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Chip and Lamp level differs due to optical & driver losses

Specifications	
Operating temperature	-25 to +40°C
Driver life expectancy	100,000 hours (MTBF @ta=25°C)
Lumen maintenance	L90 B10 @ 35,000 hours
@ max. power	L80 B10 @ 65,000 hours
@ ta=25°C	L70 B10 @ 100,000 hours
Warranty	7 years (3 years on batteries)
Protection rating	IP65 / IK05
Body material	Polycarbonate
Self-Test	A11
Manual Test	A21

Emergency Details	
Brand	TRIDONIC
Time to light	<0.25s
Mains voltage changeover threshold	EN 60598-2-22
Self test (self test version only)	IEC 92034
Weekly functional test	5 seconds
Yearly duration test	1,2 or 3 hours
Rated duration	3hrs @3.7W
Battery	3.6V (3.1.2V), 4,000mAH, Ni-MH
Mains Current / Power in charging operation	
Initial charge	27mA / 4.0W
Fast recharge	30mA / 4.3W
Trickle charge	20mA / 2.3W

Compliance	
Low Voltage (Safety) Directive 2014/35/EU	
EN 60598-1	
EN 60598-2	
EMC Directive 2014/30/EU	
EN 55015	EN 61000-3-2
EN 61547	EN 61000-3-3
EN 62493	
LED Drivers	
EN 61347-1	EN 62384
EN 61347-2-13	
Emergency Drivers	
EN 50172	EN 62384
EN 60598-22	EN 600068-2-29
EN 61347-2-7	EN 60068-2-30
EN 61347-2-13	EN 60068-2-64
SELV 60	CE
	ROHS
LIA Verified	LIA Tested