

SURFACE FITTINGS

OYSTER IP44 SMD LED SURFACE FITTING RANGE



Product Codes:	Warm White			Neutral White		
Standard:	R12WLED30-01	R18WLED30-01	R24WLED30-01	R12WLED40-01	R18WLED40-01	R24WLED40-01
Dual Power	NA	NA	NA	NA	R18WLED40DP-01	R24WLED40DP-01
Dual Power + Microwave	NA	NA	NA	NA	R18WLED40DPMW-01	R24WLED40DPMW-01
Emergency:	NA	R18WLED30E-01	R24WLED30E-01	NA	R18WLED40E-01	R24WLED40E-01
Comparable to T8 (W):	22	32	40	22	32	40
Total Power Consumed (W):	11.7	17.8	23.8	11.9	17.4	23
Total Light Output Std/Em (lm):	740	1340/110	1440/140	820	1450/120	1790/120
Efficacy (lm/cctW):	63	75	61	69	83	78
Illuminance @1m (lx):	160	350	350	220	390	450
Beam Angle (Deg):	120	120	120	120	120	120
Correlated Colour Temp (CCT):	3000	3000	3000	4000	4000	4000
Colour Rendering Index (Ra):	80	80	80	80	80	80
Warranty (yrs):	3	3	3	3	3	3
Rated LED Life (hrs):	30000	30000	30000	30000	30000	30000
Operating temperature range (°C):	-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40	-20≤Ta≤+40
Ingress Protection (IP):	44	44	44	44	44	44
Power Factor:	0.9	0.9	0.9	0.9	0.9	0.9
Operating Voltage:	220-240	220-240	220-240	220-240	220-240	220-240
Diameter/Depth (mm):	265/96	327/90	395/105	265/96	327/90	395/105
Weight (Kg):	0.4	0.6	0.94	0.4	0.6	0.94

Reducing energy costs and therefore carbon emissions is of primary importance for all building types. Utilising the latest Surface Mount Diode LED and driver technology these fittings provide a cost effective, energy saving solution for applications ranging from illuminating store cupboards or bathrooms to larger communal lounge areas.

Perhaps as important, huge savings in maintenance and traditional lamp change costs can be achieved to provide very short paybacks where automatic switching by sensor is employed which reduces traditional lamp life considerably OR continuous use operation causing ballast life to be adversely affected.

These great Oyster fittings are suitable for applications in:

- Flat & apartment blocks
- Public Buildings
- Sports centres
- Care homes
- Stairwells
- Corridors
- Communal areas

FEATURES	BENEFITS
<ul style="list-style-type: none"> • A full range of surface mount fittings in 12W, 18W and 24W power options 	<ul style="list-style-type: none"> • Provides a range of lumen outputs to replace traditional light sources • Variants based on the same design for common aesthetic in the installation • Ideal for small rooms such as cloakrooms or larger areas such as communal lounges
<ul style="list-style-type: none"> • Options - Self-contained Integral Emergency • Dual Power driver • Dual Power driver with Integral Microwave sensor 	<ul style="list-style-type: none"> • Consistent aesthetics provides 3 hours emergency lighting on power failure • Provides selectable % background light level and full light output when triggered • Trigger signal from integral sensor reduces wiring and install costs
<ul style="list-style-type: none"> • Aluminium base with high impact UV stabilised twist & lock PMMA frosted diffuser 	<ul style="list-style-type: none"> • Strong and durable construction provides long service life • Aluminium base provides excellent heat conduction • Diffuser allows maximum light output <ul style="list-style-type: none"> • Provides low glare • Creates even light distribution without hotspots • Aesthetically pleasing as the individual LED's are not visible
<ul style="list-style-type: none"> • Utilises high quality long life Edison surface mount LED technology: <ul style="list-style-type: none"> • Provides exceptional light output and low power consumption to achieve great efficacy • Ensures lumen & CCT depreciation is minimised • Rated LED life of 30,000 hours 	<ul style="list-style-type: none"> • Compared to fluorescent: <ul style="list-style-type: none"> • Comparable light output so is a one for one replacement • Light output and colour is consistent over life • No maintenance cost for replacement lamps • Super efficiency providing compliance with current & foreseeable efficacy legislation
<ul style="list-style-type: none"> • Colour temperature of 3,000K or 4,000K with high CRI 	<ul style="list-style-type: none"> • Warm or cool light colour for ambience or task lighting • Provides clear visibility, good colour reproduction and ideal for security cameras
<ul style="list-style-type: none"> • Solid state technology • Can be switched by external microwave, PIR and/or photocell 	<ul style="list-style-type: none"> • Rugged – No heat filaments or electrodes to prematurely fail due to vibration & temperature variations • Provides even greater energy savings when lighting not required • Not detrimental to LED life as it is with Fluorescent
<ul style="list-style-type: none"> • Ingress Protection of IP44 	<ul style="list-style-type: none"> • Suitable for installation where there could be water spray such as bathrooms

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