COMMERCIAL

SULTAN CORROSION PROOF, IP65, CCT SELECTABLE, STANDARD, MW SENSOR WITH 3-STEP DIMMING, EMERGENCY & WIDE VOLTAGE RANGE DRIVER

This new range of SULTAN corrosion-proof series have three colour temperature selectable fittings which are available in lengths of 0.6m and 1.2m, and for site applications where a wider range 110-240vac driver is best suited. Integral Microwave sensor versions also save energy with reduced running cost and ease of installation whilst Integral emergency options ensure adequate lighting when power fails, without the need and cost of separate dedicated emergency lighting.

Features and Benefits:

- With a slim rounded design these fittings provide an attractive aesthetic for less industrial looking requirements
- There’s a full range of lengths, wattages and lumen packages to provide a solution for most applications
- Integral Microwave version with 3-step dimming function primarily saves energy, but also saves wiring time and often difficulty of wiring in external sensors
- Standby light ensures that people not within the sensor detection zone, are warned of impending lights off by going into a selectable standby light level
  (Note: The remote control/programmer accessory is required to access additional parameters other than default settings)
- Wide range driver voltage option 110-240vac make them ideal for site temporary and transformer use
- Integral emergency versions provide light on power failure to safely evacuate the area while retaining the same neat aesthetics
- An end mounted PIR for the non-sensor version provides simple on/off control for additional energy savings
- The fitting utilises high quality SMD LED’s to provide similar light outputs to fluorescent whilst using around 50% power
- Long life is also assured with no costly maintenance through life
- A selectable colour temperature of 3,000K, 4,000K and 6,500K ensure the correct light colour for the application, whilst high CRI make them ideal for security and providing clear task visibility
- Using a dedicated LED plate held in place by spring clips provides for cooler running and a more efficient solution than LED tubes which yield up to 30% less light and are prone to theft
- Having a polycarbonate base with rubber seal means:
  They are flexible and won’t crack when mounted
  They have protection against ingress of dust and water jets
  And will not corrode so give long service life
- A frosted diffuser allows for excellent light uniformity with reduced eye glare for a more comfortable working environment
- Grade 304 stainless steel diffuser clips ensures they don’t rust and always look good
- Stainless steel surface mounting brackets and suspension hangers included cater for most mounting requirements
- There are gland entry points at both ends and base suitable for many conduit electrical infrastructures
- Utilising solid-state lighting technology with no heat filaments or electrodes, they are less susceptible to failure due to building vibration caused by traffic or hot/cold temperature variations
- “Instant on” and no cool down period means they can be switched by microwave, PIR and/or photocell which provides even greater energy savings when lighting is not required.
- Short time switching reduces life of traditional light sources

Applications:
- Outside walkways
- Industrial units, Warehouses and Storage areas
- Farm buildings (Non-corrosive gas atmosphere)
- Garages, Workshops and Car parks
- Changing rooms and other wet areas

Construction:
- Grey coloured polycarbonate body
- Opal polycarbonate diffuser
- Stainless steel clips
- Steel gear tray

Operation of programmable MW sensor with 3-Step Dimming:
Please note that the MW sensor version is has default settings highlighted in the data table. Extended settings are accessed using the remote control/programmer accessory.
On detection of movement the sensor switches the driver to full output.
After no detection and a selectable hold time, the sensor reduces driver output to selectable standby light level for a selectable standby time. The sensor then turns power to the driver off.
Standby time can be infinity so the light doesn’t go to off.
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Diagram for RSU2406CCT3E-24 in 4,000K. Other diagrams available on request.

Polar Intensity Diagram:

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Accessories:
R360RC-01  Remote control/programmer for MW sensor version
R360PIR-01  Alternative on/off PIR sensor for standard version

Standards & Approvals:
Complies with: AS/NZS 60598, IEC 55015, CISPR 15, IEC 61000, IEC 62493, IEC 61547, IEC 62471, RCM