COMMERCIAL

ATMOS IP20 TP₃ RATED LED PANEL LIGHTS

This great quality, TP₃ rated, high specification range of panels deliver excellent performance providing substantial energy savings for fast ROI. They replace traditional T8 and T5 lay-in modulars to provide energy efficient, but perhaps more importantly, low-maintenance solutions where constant replacement of fluorescent tubes can be avoided. The Thermoplastic rating of these panels reduce the risk of fire spread within a building.

Applications:
- Offices
- Hospitals & Health Centres
- Shops
- Hotels
- Schools & Colleges
- Receptions
- Inspection areas

Construction:
- White powder coated aluminium frame
- Thermo-plastic diffuser
- Steel back plate

Features and Benefits:
- There’s a full range of sizes and lumen packages available to provide a solution for most applications and ceiling grid layouts
- They are slim with clean stylish lines with a white powder coat finish aluminium trim which ensures they always look good, are easy to clean and less likely to harbour germs or dirt and match most ceiling tile and grid T-bar colours
- Available in Warm, Neutral or Cool White colour temperature options provides the light colour most suitable for the use of the lit space while providing a common aesthetic throughout. Warm white for a more relaxing breakout area with neutral white for task areas and cool white for more clinical applications
- They utilise high quality SMD LED’s tested to IES LM80 and IES TM21 to verify LED and Luminaire rated life, consistent lumen output and colour temperature, low energy consumption and high efficacy
- The fitting therefore provides low maintenance cost with no lamp changes, more light per watt than many similar LED fittings available, comparable light output to T5 so is a one for one replacement and provides compliance with current & future efficacy legislation
- There is a universal DALI, Analogue and SwitchDim driver accessory available to provide functional dimming or greater energy savings through daylight harvesting
- An emergency pack is available which provides high lumen output, almost double that of many competitor fittings, to allow safe traverse and exit of the building on power failure
- A high quality PP thermoplastic diffuser ensures that light transmission is maximised into the lit space while providing a TPb rating to comply with fire regulations in commercial buildings. It also reduces glare allowing the fittings to comply with the UGR required for small offices and corridors
- 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 to cold temperature changes
- “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
- Advanced driver architecture design provides a low flicker light output to reduce eye discomfort and fatigue and associated headaches or drowsiness for more susceptible people
- To aid mounting, a range of surface mount boxes, recess kits and suspension solutions are available for solid, apex or suspended ceiling applications
- Installation is fast and simple with the use of traditional large terminals providing loop in, loop out functionality to other fittings
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ATMOS IP20 TP0 RATED LED PANEL LIGHTS

Product Code: RAM40306060-01  RAM40406060-01  RAM40506060-01  RAM406002012-01

Comparable to: 4x18W  4x18W  4x18W  2x36W

Total Power (W): 38.1  38.3  37.7  37.5

Total Light Output (lm): 3,390  3,800  3,800  3,730

Emergency Mode Light Output (lm): 200  500  550  550

Efficacy (lm / cctW): 89  99  101  100

Rated Life (hrs): 50,000  50,000  50,000  50,000

Warranty (yrs): 5  5  5  5

Power Factor (PF): 0.97  0.97  0.97  0.97

CRI (Ra): 80  80  80  80

Ingress Protection (IP): IK05  IK05  IK05  IK05

Impact Rating (IK): IK05  IK05  IK05  IK05

Operating Temperature (°C): -20 ≤ Ta ≤ +40

Length (mm): 595  595  595  1,195

Width (mm): 595  595  595  295

Depth (mm): 10  10  10  10

Box Qty: 1  1  1  1

Weight (kg): 2.0  2.0  2.0  2.4

Accessories:

R3EPMK-PSU PLUG AND PLAY EMERGENCY PACK
HED2040-D DALI, 1-10V, SWITCHDIM DRIVER
R6005MKFB-01 600x600MM SURFACE MOUNT BOX
R12305MKFB-01 300x1200MM SURFACE MOUNT BOX
RAMSUS-4W 4 WIRE SUSPENSION KIT FOR 600x600MM
RAMSUS-3W 3 WIRE SUSPENSION KIT FOR 300x1200MM
RAMSST SAFETY BRACKET AND 2M STRAP
RAMRC PLASTER BOARD RECESSED CLIPS KIT

Standards & Approvals:

Complies with: EN 60598-2-1, EN 60598-2-2, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 62471, EN 62493, EN 62384

Diagram for RAM40306060-01 in 4,000K. Other diagrams available on request

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