

LED Task Lighting Strips for Workbenches

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Electrical & Power



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LED task lighting strips are slim linear lights mounted under shelves, above benches or along machine bays to deliver bright, even light exactly where the work happens, reducing eye strain and improving safety inspection of fine work.

Key Features

- Light bars in 300-1200 mm lengths
- Brightness and colour temperature adjustable
- Slim aluminium profiles
- Daisy-chain and switchable
- Long-life, low-heat LEDs

Typical Uses in the Workshop

- Light workbenches and inspection areas
- Under-shelf lighting for tasks
- Machine bay and tool zoning lights
- Photography and documentation lighting

Safe Operation

1. Mount the profile at the right height and angle
2. Connect the driver and power correctly
3. Angle the light to avoid glare and shadows
4. Set the colour temperature for the task
5. Switch off when the area is unused

SAFETY NOTES

- Use mains lights correctly earthed and routed
- Keep lights well clear of water and solvents
- Do not over-drive the LED strips
- Check mountings are secure
- Avoid looking directly into bright LEDs

Maintenance & Consumables

- Clean the diffusers and profiles
- Check connectors and drivers
- Replace failed LED segments
- Re-tighten mounts if lights sway
- Keep spare profiles in stock

Specification & Buying Notes

Buy IP-rated strips with prour drivers and connectors for workshop dust. A mix of 4000 K neutral and 6500 K daylight serves most benches. Magnetic or clamp mounts simplify repositioning.