LONGAR® Type 1
Recessed Commercial Light Units

LONGAR® TYPE 1 FEATURES:
• Standard sizes ex stock.
• Robust unit conforms to IP55, slim line battens and tubes.
• Compact design, curved safety corners – new improved design.
• CNC machine made for perfection every time, built to last other than routine maintenance.
• Fully assembled, upgraded heat resistant seals.
• Efficient T5 lighting with high lux output and no switchgear.
• UK design and build, 40 years of industry experience driven by R&D.
• Templates supplied FOC (on request) to facilitate easy canopy installation.
• Meets DW172 requirements.

LONGAR® Type 1 Recessed Commercial Light Unit
To meet the demands of today’s modern kitchen, Longar has developed the LONGAR® Type 1 which has perfect design, easy to maintain, water tightness meeting IP55 and an optimal light unit for a better work environment. The LONGAR® Type 1 offers superior aesthetics with slim line design, radiused corners and a wealth of design features.

CONSTRUCTION / MATERIAL SPECIFICATION
The LONGAR® Type 1 is fabricated from galvanised steel and then powder coated to maximise reflectivity. The light unit lid is joint less, manufactured from 1.2mm stainless steel (304 grade, 240 grit) and sealed to the housing with high temperature EPDM seal (Operating temperature from -40°C to 150°C).

The standard glass is 4mm toughened, heat and impact resistant and polished on the underside for ease of cleaning. The glass is sealed to the lid frame by a gasket and metal support. The lid frame is complete with safety lanyards fixed to the mainframe to facilitate periodic maintenance.

ELECTRICAL SPECS
2FT = Batten T5 2x24W High Frequency – with tubes 6500K
3FT = Batten T5 2x39W High Frequency – with tubes 6500K
4FT = Batten T5 2x54W High Frequency – with tubes 6500K
5FT = Batten T5 2x80W High Frequency – with tubes 6500K

FITTING INSTRUCTIONS
• Pre-cut canopy to suit template dimensions (template available on request).
• Remove screws holding lid to the back box.
• Pre-mark mounting holes & drill.
• Mount back box to canopy & rivet in place.
• Connect wiring to terminals within light unit as marked.
• Replace lid & screw in place. Tighten by hand, do not overtighten.

HANDLING
• Handle with care when unpacking
• Remove polystyrene end caps with care
• Store in dry and frost protected place

MAINTENANCE
• Lamp lifespan depends on a number of variables, therefore will require replacement on occasions
• Ensure all screws are in place at all times. Failure to do so will result in water ingress, causing premature failure to light.
• A positive seal between the lid & box must be made at all times, otherwise water ingress can occur.
• Regular cleaning of the lid face when mounted should be carried out to ensure optimum light output & safe working standards.

PACKAGING
• All units are suspended in double wall boxes by polystyrene end caps then glued closed for protection whilst in transit against contamination.

For technical specifications, part numbers and ordering information, please see overleaf.
## TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Depth (D)</th>
<th>W1</th>
<th>H1</th>
<th>D1</th>
<th>Weight</th>
<th>Output</th>
<th>LUX</th>
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<tbody>
<tr>
<td>LIGHTBOX2FT</td>
<td>655mm</td>
<td>272mm</td>
<td>90mm</td>
<td>602mm</td>
<td>202mm</td>
<td>10mm</td>
<td>5.00kgs</td>
<td>2 x 24W</td>
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<td>25.78&quot;</td>
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<td>272mm</td>
<td>90mm</td>
<td>902mm</td>
<td>202mm</td>
<td>10mm</td>
<td>9.00kgs</td>
<td>2 x 39W</td>
<td>830</td>
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<td>37.60&quot;</td>
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<td>2 x 54W</td>
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<td>0.39&quot;</td>
<td>30.80lbs</td>
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Lux – Measured as per DW172, 1.2m from unit face.