Certikin’s range of top quality swimming pool equipment is designed for all types of swimming pools. This brochure shows just one of the many product ranges available from your Certikin pool equipment supplier. By using only Certikin equipment you will ensure ease of supply now and in the future.

FEATURES

- For use in concrete, liner panel and concrete shuttered pools.
- Complete kits include wet niche, flexible conduit, cover plate, lens cover, sealed lamp housing with 300 watt 12v bulb or 100w 300 hour halogen lamp.
- New supplied with factory fitted easy-change super strength clear safety cover.
- Clip-on-faceplate on liner light to cover unsightly screw heads.
- Easy-to-secure cover plate to finish off concrete pool light.
- Niche designed to angle light beam down 5 degrees to eliminate pool side glare.
- Light housing units available in 2.8m, 5m, and 8m cable lengths.
- Deck box fitted with a double o’ring seal to achieve protection rating IP65.
- Transformer has a protection rating of IP65 with variable voltage output and thermal safety cut-out.
- Lights fitted with corrosion-resistant nickel plated inserts.
- Micallef style glands inside niche and deck box prevent water entering the conduit.
- Built in gland on light housing rated IP6.
- Locating lugs and combination post-driven/inserted housing screws for quick and easy bulb changing.
- Micallef fittings ensure conduit can be easily cut to length on site.

FEATURES

Underwater Lighting

uwlightslft 7/10/03 12:46 pm Page 1
The Certikin underwater light incorporates features absent from other underwater systems. The unique Micallef fittings at the niche and deck box enable the installer to fit non-standard conduit lengths. 15m reels are available – part no. SPC464.

Every light comes complete with a factory fitted clear polycarbonate safety cover (PU15C). Also available in blue, red and green, these can be purchased along with a compatible front plate to suit existing installations (PU15N).

Every light comes with a finishing fascia ring. The liner/shutter version clips onto the clamp plate hiding unsightly screw heads; the concrete version is easily fitted to the niche surround and is designed to cover tiling edges.

The fascia rings are compatible with all Certikin underwater lights manufactured since 1968 and are available as spares for retro-fitting (Concrete – SPC475, Liner SPC476).

Bulb changing is now easier than ever with combination pozidrive/slotted screw heads, locating lugs and high-tech nickel plated inserts.

The niche is cleverly designed to angle the beam down by 5 degrees which means the lights can be positioned to accomplish the optimum effect in the pool without glare at the poolside.

The Certikin underwater light remote control receiver is designed to switch multiple light systems. One receiver will activate up to 2no. 300w lights or 6no. 100w lights within a range of 50 metres.

These controllers can also be used with the MK2 halogen bulb kit (SPC556HN).
to control a wide range of household electrical appliances such as garage doors and garden lights.

**Underwater light connector PU9UC**

The u/w light ‘quick release connector’ (PU9UC) rated as IP68 – completely submersible – this optional accessory can be fitted to the cable of existing conventional underwater lights. Designed to be wired in minutes it means that future bulb changing can be carried out away from the poolside.

**Halogen Light 1.5v Voltage Dropper PU11HD**

In line voltage dropper. For use when fitting new halogen guts into existing conventional lighting/transformer installations, when the on-load voltage cannot otherwise be reduced to the required 11.5V maximum voltage for halogen.

**Coloured Lenses PU15N**

Set of three vandal-resistant lenses in green, red and blue.
If Using Halogen Lamp Units Please note the Following

The choice of cable size is decided by the length of the cable run between the transformer and the deck box. For cable runs up to 21 metres use 1.5mm². For cable runs up to 34.5 metres use 2.5mm². The maximum cable length shown will produce an approximate reduction in lamp brightness of 10%. The minimum length of cable between transformer and deck box must be 5 metres.

If you should require further technical information please do not hesitate to contact us.

**For Par 56 Sealed Beam Lamp**

<table>
<thead>
<tr>
<th>LENGTH OF CABLE RUN BETWEEN TRANSFORMER &amp; DECK BOX</th>
<th>DIAMETER</th>
<th>AREA</th>
<th>BORE SIZE</th>
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<tbody>
<tr>
<td>4mm²</td>
<td>6mm²</td>
<td>8mm²</td>
<td>10mm²</td>
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<tr>
<td>L-N1 13V</td>
<td>5M</td>
<td>1M</td>
<td>12M</td>
</tr>
<tr>
<td>L-N2 14V</td>
<td>6-16M</td>
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<td>L-N3 15V</td>
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<tr>
<td>L-N4 16V</td>
<td>19-29M</td>
<td>24-36M</td>
<td>38-50M</td>
</tr>
</tbody>
</table>

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