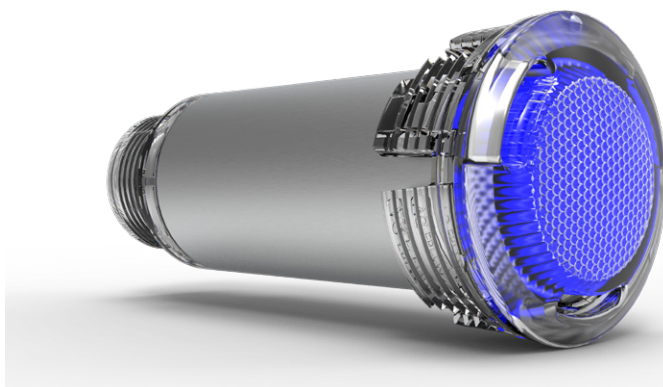


INSTALLATION USING 50mm PVC PIPE


PRO
 SERIES **RGB+W**

SPECIFICATIONS

Cable Gauge:	0.5mm ²
Operating Voltage:	12V ~ (AC) 50/60Hz
Rating:	IP68 (to 1.5m depth)
Max Consumption:	12 VA
Power Factor (typical):	0.62
Max. Supply Current:	1.0A
Temperature Range:	0°C ~ +40°C

The compact size of the EvoLV LED Light allows installation using a 50mm PVC Pipe and is ideal for general pool lighting as well as highlighting intricate underwater areas where larger lights (with larger Niches) may be unsuitable.

Such areas include spas, steps, ledges, swim-outs and other shallow-water areas.

For use only when immersed in water.

For operation only with safety isolating transformer conforming to AS/NZS 61558 series.

Minimum installation depth: Top of light should be 100mm below normal water level.

Maximum installation depth – 1.5m below normal water level.

Ensure sufficient cable is wound up to allow future servicing.

Install as per AS/NZS 3000:2018


INSTALLATION – NICHE LIGHT ONLY

- Installation of 50mm PVC Pipe (Class 9 or Class 12) should be at a depth that allows the light to be floated to pool deck for future servicing. When using 50mm PVC Pipe and EvoLV End Caps, the minimum straight pipe length should be 270mm from pool wall to enable fitment of the light and 800mm of cable. The maximum straight pipe length should be 310mm from pool wall, otherwise the spanner will not reach the cable seal.
- On the EvoLV End Cap, choose either the 90-degree or straight conduit socket for connection of rigid 20mm PVC conduit. Do not use flexible conduit. If using the straight socket, then drill out using an 8-10mm drill bit, then use the supplied cap to plug off the 90-degree socket. Use the supplied black cap for the 50mm pipe. After concrete has cured, seal around the pipe using construction adhesive.

Contd. page 2

INSTALLATION INSTRUCTIONS

Press-Fit Adaptor Installation.

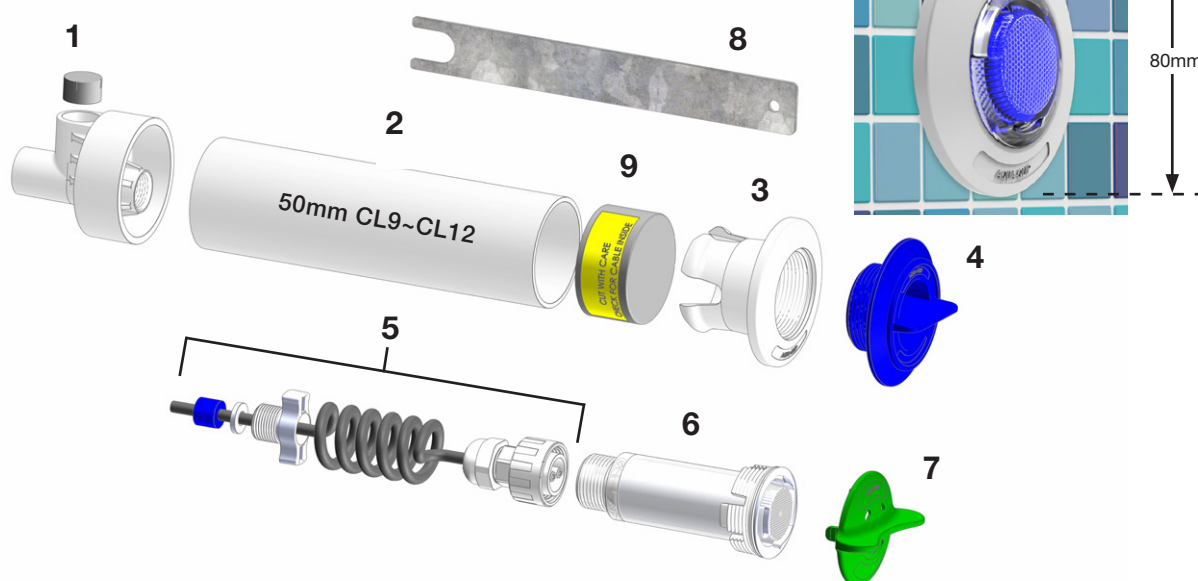
There are two ways to proceed:

- 1) If it is intended that the finished pool surface will be flush with the Press-Fit Adaptor, then glue in the Press-Fit Adaptor to your required depth and alignment and finish the pool interior up to the shoulder of the Press-Fit Adaptor. Use the Threaded Protective Cap (included) to prevent debris entering the pipe.
 - 2) If you want to install the Press-Fit Adaptor after the pool interior has been applied, then trim back the 50mm pipe flush with the pool interior taking care not to damage the cable inside and then glue the Press-Fit Adaptor into place.
- Cable is supplied with a cable seal kit that should be tightened to the inside rear of the EvoLV End Cap to prevent water entering

the conduit. Use the Spanner to tighten the compression nut. (Spanner is not included in the kit and should be purchased separately).

Despite using the cable seal kit – it is still good practise to run the conduit up above pool water level.

- After the interior pool surface has been applied, unscrew the Threaded Protective Cap and wipe clean any debris from the female thread and from inside the Niche. Connect the EvoLV LED Light to the Plug Kit on the end of the cable. Gently wind the cable into the pipe – pushing it back as you wind it up. Use the Installation Tool to tighten the EvoLV LED Light into position. Installation is now complete.



Item	P/N	Description
1	EPL431	EvoLV End Cap
2	EPL438	50mm PVC Pipe (CL9~12)
3	EPL432W	Press-Fit Adaptor – White
	EPL432G	Press-Fit Adaptor – Grey
	EPL432B	Press-Fit Adaptor – Black
4	EPL146	Threaded Protective Cap
5	EPL420	20m Cable, with Plug Kit & Cable Seal Assy.
	EPL430	30m Cable, with Plug Kit & Cable Seal Assy.
	EPL440	40m Cable, with Plug Kit & Cable Seal Assy.

Item	P/N	Description
6	EPL401M	EvoLV Light Only – BLUE
	EPL402M	EvoLV Light Only – WHITE
	EPL403M	EvoLV Light Only – WARM WHITE
	EPL404HT	EvoLV Light Only – InstaTouch Control
7	EPL433	Installation Tool
8	EPL434	Spanner
9	EPL436	Pipe Cap (black)

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