

	Amendment	Date
R0	First issue	05/01/16
R2	Second issue	01/11/21

V-CUT LIGHTING SPECIFICATION OUTLINES

1xx “L” SHAPE LIGHT COVE TYPE xx

- Manufacturer:
 - Covets: V-Cut Ltd, Unit 8 Dundas Close, Portsmouth, PO3 5RB. Tel: +44 (0)20 30921377 enquiry@vcut.co.uk. Web: www.vcut.co.uk or similar approved.
 - Product reference: V-Cut “L” Profile.
 - Framing: British Gypsum Ltd, Siniat or Knauf [*delete preferred framing manufacturer as appropriate*] or similar approved.
- Linings: 1 x 12.5mm V-Cut standard/fire/moisture resistant/sound resistant [*delete type of board as appropriate*] according to EN 14190 fixed with standard drywall screws to ceiling suspension framing. The cove has dimensions of ...mm x ...mm [*add dimensions as appropriate*] according to detail xx on drawing number xx [*enter details as appropriate*]. The cove is supplied flat packed/factory preglued to shape [*delete as appropriate*]
- Finishing: Joints between abutting profiles taped and jointed as per manufacturer’s recommendations.
 - Primer/ Sealer: Primer to painted areas.
 - Accessories: Corner beads and jointing along the folds are **not** required.
 - Fold/Fix tape within the v grooves is/is not [*delete as required*] included [*delete if the profile is factory glued*]
- Other requirements:-
 - Cantilever: Where the cantilevered element of the cove exceeds 100mm, support the cove with 50mm long steel channel brackets at 400mm centres as per drawings.
 - Accessories: [see below for LED strips].

1xx STANDARD PRE MADE LIGHT COVE TYPE A, B, C, D, E or F [*delete as appropriate*]

- Manufacturer:
 - Covets: V-Cut Ltd, Unit 8 Dundas Close, Portsmouth, PO3 5RB. Tel: +44 (0)20 30921377 enquiry@vcut.co.uk. Web: www.vcut.co.uk or similar approved.
 - Product reference: V-Cut Premade Cove Profile.
 - Framing: British Gypsum Ltd, Siniat or Knauf [*delete preferred framing manufacturer as appropriate*] or similar approved.
- Linings: 1 x 12.5mm V-Cut standard plasterboard according to EN

14190. The profile is fixed with standard drywall screws to the ceiling suspension framing. The cove has overall dimensions of Type A 276mm wide x 112.5mm high; Type B 250mm wide x 128mm high; Type C 271.2mm wide x 102mm high; Type D 170mm wide x 128mm high; Type E 276mm wide x 112.5mm high; Type F 326mm wide x 132.1mm high [*delete types as appropriate*]. The cove is supplied factory assembled to shape.

- Finishing: Joints between abutting profiles taped and jointed as per manufacturer's recommendations.
 - Primer/ Sealer: Primer to painted areas.
 - Accessories: Corner beads and jointing along the folds are **not** required.
 - Fold/Fix tape within the v grooves is/is not [*delete as required*] included [*delete if the profile is factory glued*]
- Other requirements:-
 - Cantilever: Where the cantilevered element of the cove exceeds 100mm, support the cove with 50mm long steel channel brackets at 400mm centres as per drawings.
 - Accessories: [see below for LED strips].

LED ACCESSORIES [*delete non applicable types as appropriate*]

- ECO LD4 24v interior surface mounted flexible LED strip (step measurement 125mm) with reflecting white surface and 3M self adhesive tape on rear side supplied factory fixed to cove/loose for fitting on site [*delete as appropriate*]. High quality Japanese LED 120 degree beam angle 4.8 W/m with up to 444 lm/m. CRI 85. Binning of +/-75 K. Lifetime (L80) of 32,000 hrs. Colour temperature required 2400K/2700K/3000K/3500K/4000K/5000K [*delete as appropriate*]. Single layer flexible circuit board FPC for advance thermal management. Constant current source on the circuit board for even lumen output over full length and extended life expectancy. Protected against electrostatic discharge +/-2 KV.
The tape is supplied with/without [*delete as appropriate*] extruded aluminium base profile for flat/15/30/45/60 degrees [*delete as appropriate*] angled installation in cove including/excluding [*delete as appropriate*] diffuser cover.
- ECO HD8 24v interior surface mounted flexible LED strip (step measurement 125mm) with reflecting white surface and 3M self adhesive tape on rear side supplied factory fixed to cove/loose for fitting on site [*delete as appropriate*]. High quality Japanese LED 120 degree beam angle 7.7 W/m with up to 733 lm/m. CRI 85. Binning of +/-75 K. Lifetime (L80) of 32,000 hrs. Colour temperature required 2400K/2700K/3000K/3500K/4000K/5000K [*delete as appropriate*]. Single layer flexible circuit board FPC for advance thermal management. Constant current source on the circuit board for even lumen output over full length and extended life expectancy. Protected against electrostatic discharge +/-2 KV.

The tape is supplied with/without [*delete as appropriate*] extruded aluminium base profile for flat/15/30/45/60 degrees [*delete as appropriate*] angled installation in cove including/excluding [*delete as appropriate*] diffuser cover.

- HYDRA LD25 24v flexible LED strip (step measurement 125mm) with reflecting white surface and 3M self adhesive tape on rear side supplied factory fixed to cove/loose for fitting on site [*delete as appropriate*]. High quality Japanese LED 120 degree beam angle 25 W/m with up to 3168 lm/m resulting in an efficiency of 127 lm/W. CRI 85. Binning of +/-75 K. Lifetime (L80) of > 37,000 hrs. Colour temperature required 2400K/2700K/3000K/3500K/4000K/5000K [*delete as appropriate*]. Single layer flexible circuit board FPC for advance thermal management. Constant current source on the circuit board for even lumen output over full length and extended life expectancy. Protected against electrostatic discharge +/-2 KV. The tape is supplied with/without [*delete as appropriate*] extruded aluminium base profile for flat/15/30/45/60 degrees [*delete as appropriate*] angled installation in cove including/excluding [*delete as appropriate*] diffuser cover.
- HYDRA LD10 24v flexible LED strip (step measurement 125mm) with reflecting white surface and 3M self adhesive tape on rear side supplied factory fixed to cove/loose for fitting on site [*delete as appropriate*]. High quality Japanese LED 120 degree beam angle 9.6 W/m with up to 1364 lm/m resulting in an efficiency of 142 lm/W. CRI 85. Binning of +/-75 K. Lifetime (L80) of > 37,000 hrs. Colour temperature required 2400K/2700K/3000K/3500K/4000K/5000K [*delete as appropriate*]. Single layer flexible circuit board FPC for advance thermal management. Constant current source on the circuit board for even lumen output over full length and extended life expectancy. Protected against electrostatic discharge +/-2 KV. The tape is supplied with/without [*delete as appropriate*] extruded aluminium base profile for flat/15/30/45/60 degrees [*delete as appropriate*] angled installation in cove including/excluding [*delete as appropriate*] diffuser cover.
- IQ White ATON 24v flexible LED strip (step measurement 125mm) with reflecting white surface and 3M self adhesive tape on rear side supplied factory fixed to cove/loose for fitting on site [*delete as appropriate*]. High quality Japanese LED 120 degree beam angle tunable white light between 2200K and 5000K. 15.4 W/m and up to 1020 lm/m. CRI 85. Binning of +/-75 K. Lifetime (L80) of 50,000 hrs. Single layer flexible circuit board FPC for advance thermal management. Constant current source on the circuit board for even lumen output over full length and extended life expectancy. Protected against electrostatic discharge +/-2 KV. The tape is supplied with/without [*delete as appropriate*] extruded aluminium base profile for flat/15/30/45/60 degrees [*delete as appropriate*] angled installation in cove including/excluding [*delete as appropriate*] diffuser cover.