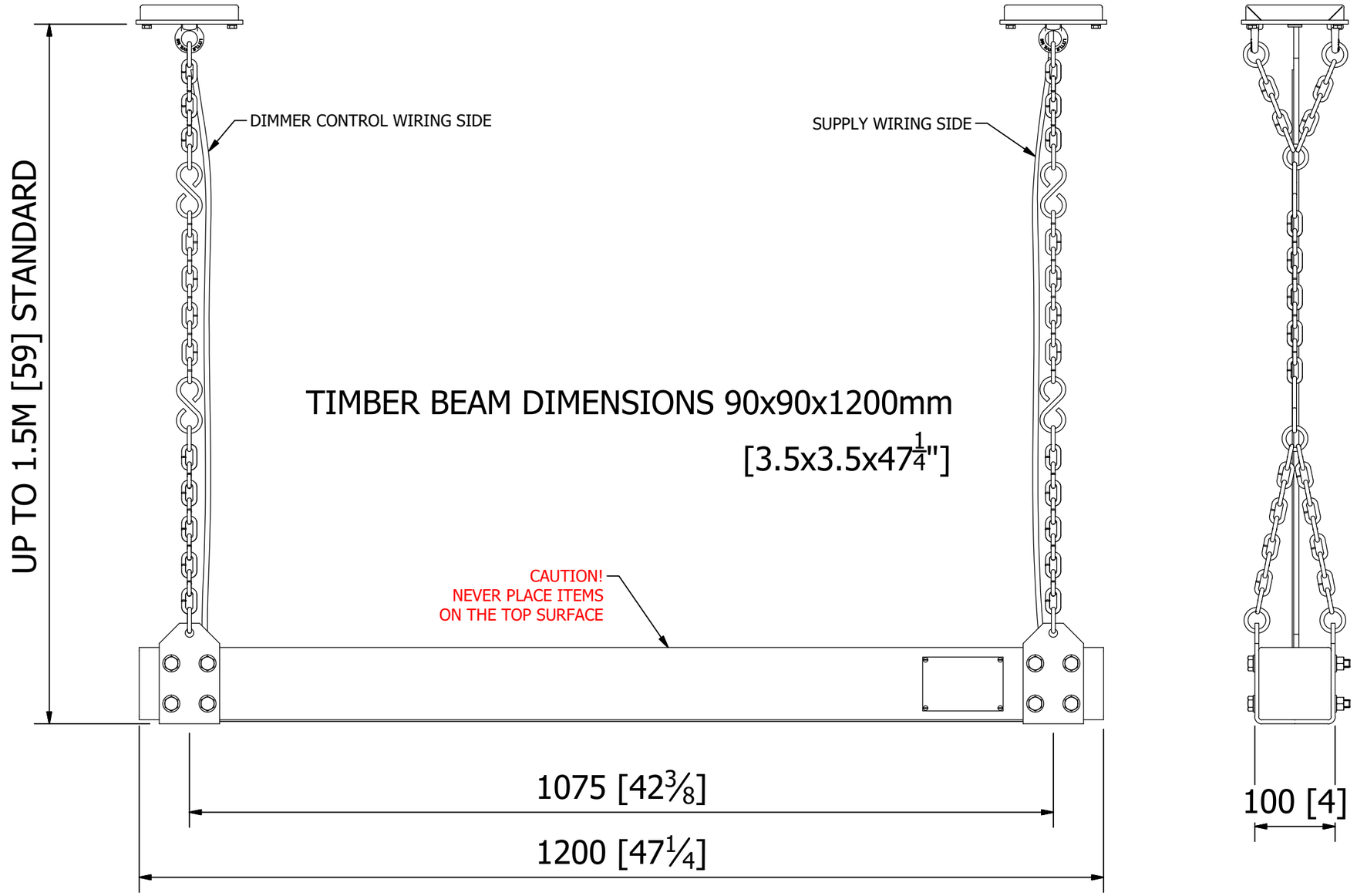


TIMBER BEAM DIMENSIONS 90x90x1200mm

[3.5x3.5x47¼"]

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED	CR
C0	Ceiling plate eyebolts added.	19/12/2018	DG	
B0	New ceiling plates added. Assembly instructions revised.	30/03/2018	DG	
A1	Minor revision of notes. Dimensions added to ceiling plate	19/01/2018	DG	
A0	Initial Release	14/06/2017	DG	

USE ONLY FOR JOB NO.

UNCONTROLLED DOCUMENT

Material

Finish

SCALE: DNS

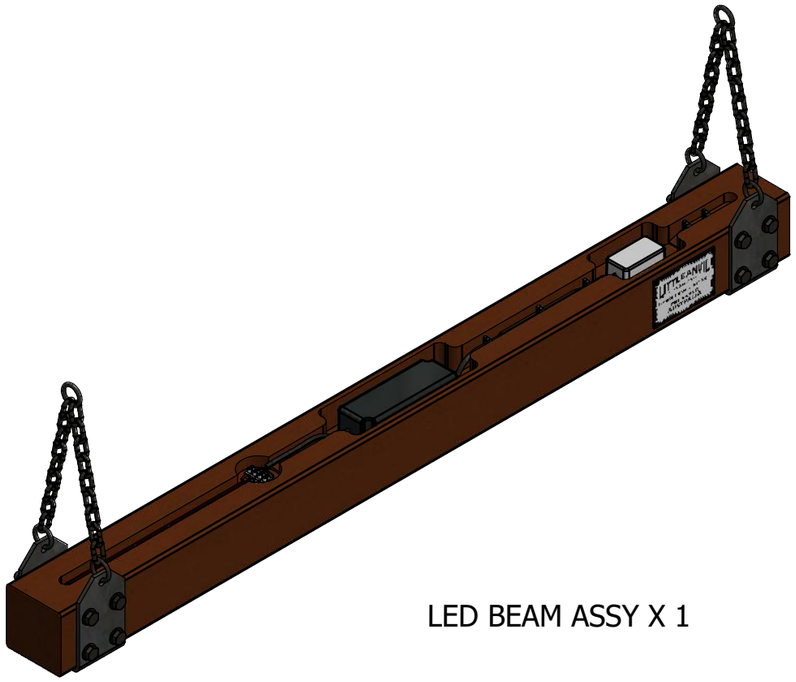
Designed by	Checked by	Approved by	Date	Project	Date
DavidG		DG			14/07/2017

Dimensions in millimetres
Limit on untoleranced unmachined dimensions ± 0.2mm
No decmal place 1mm
1 decimal place ± 0.3mm
2 decimal places ± 0.1mm
General unmachined angular tolerance ±1°
Tolerance to be non-cumulative

Beam Assembly LED Dimmable

Revision	Sheet
C0	1 / 4

PARTS INVENTORY



LED BEAM ASSY X 1

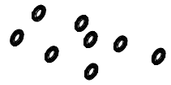
CEILING CANOPY X 2

CEILING BACK PLATE X 2

ANTI-PULL-THROUGH X 2

CEILING CHAIN X 2

BOLTS M6 X 16mm X 8



WASHER M6 X 8

S HOOK X 4

CHAIN LINK X 2

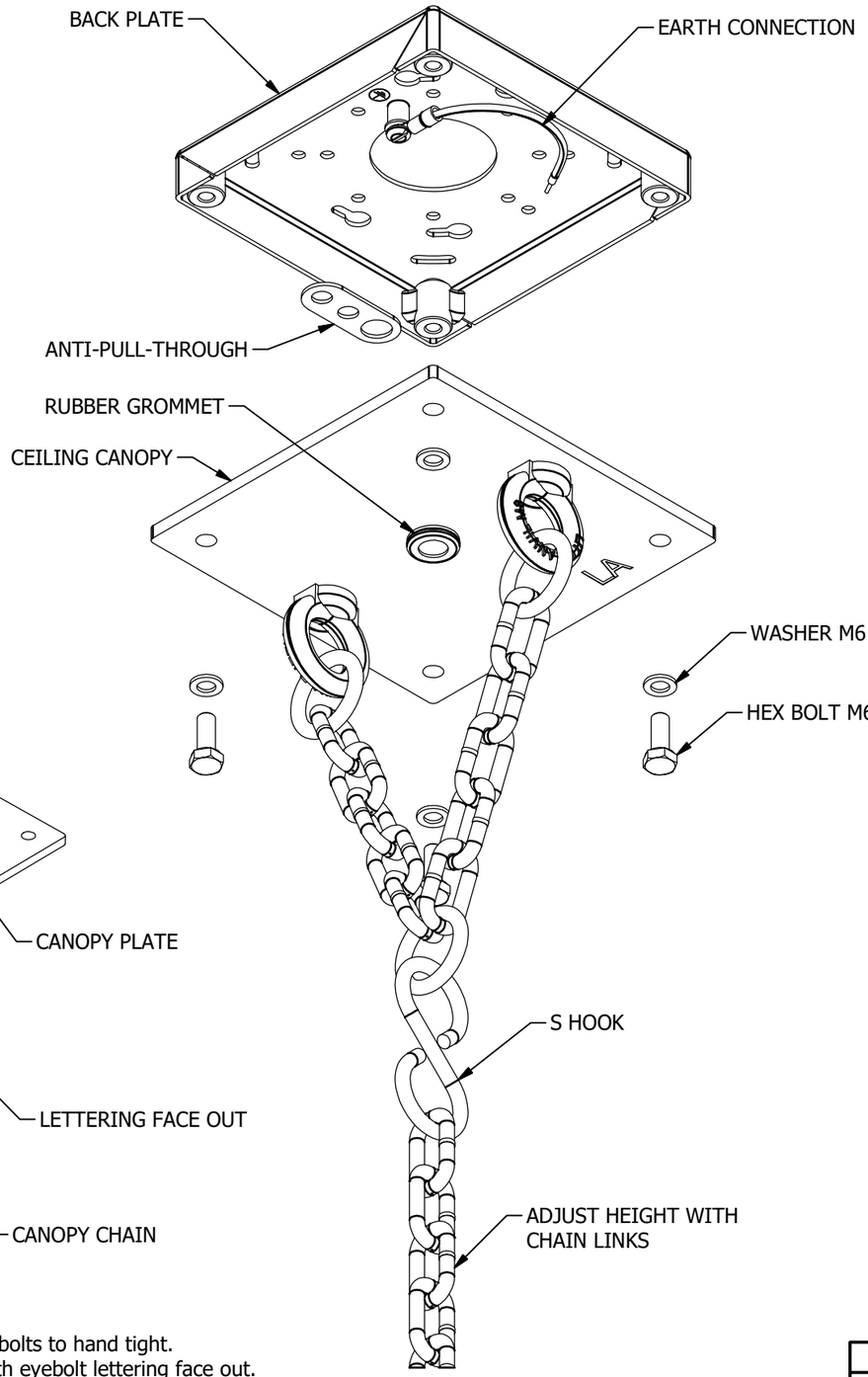
CABLE CLIPS
LARGE X 4

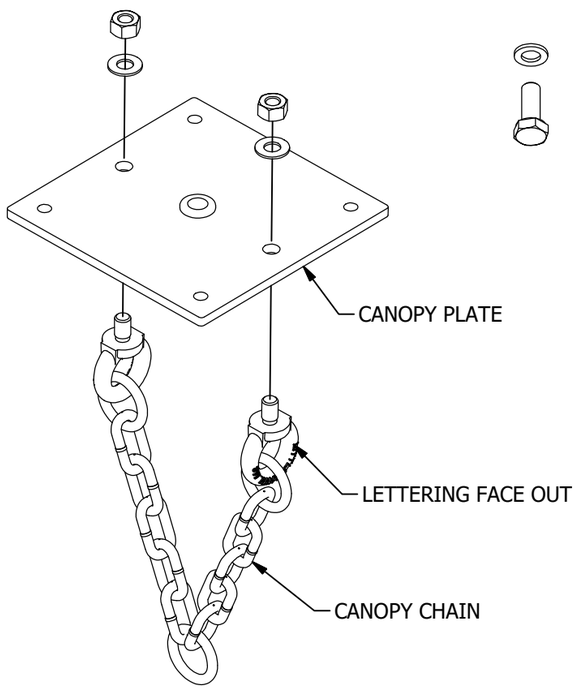
CABLE MAINS
SUPPLY X 1

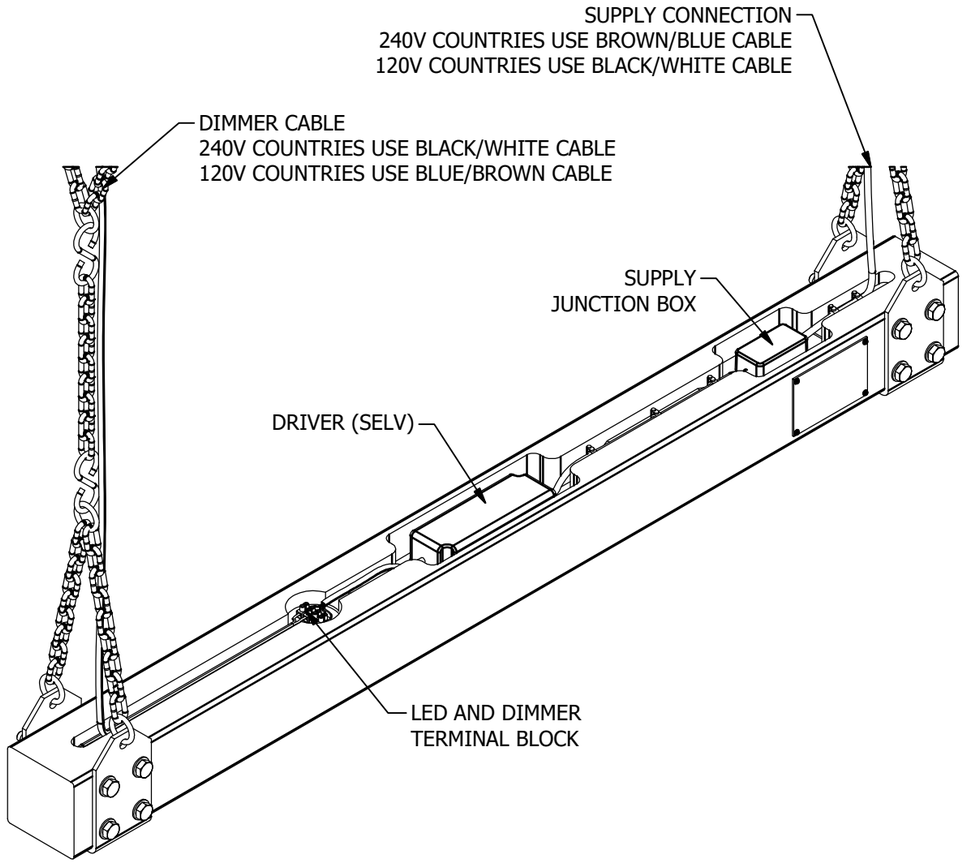
CABLE DIMMER
CONTROL X 1

USE ONLY FOR JOB NO.	Material		Finish		
UNCONTROLLED DOCUMENT	SCALE: DNS				© Little Anvil Co.
	Designed by: DavidG	Checked by:	Approved by: DG	Date:	Project:
	Dimensions in millimetres Limit on untoleranced unmachined dimensions ± 0.2mm No decmal place 1mm 1 decimal place ± 0.3mm 2 decimal places ± 0.1mm General unmachined angular tolerance ±1° Tolerance to be non-cumulative		Beam Assembly LED Dimmable		
				Revision: C0	Sheet: 2 / 4

- Assemble ceiling canopy chains to ceiling canopy plates.
- Position and fix back plates to ceiling. Ensure adequate support (approx 16kgs/35lb).
- Fit cable into anti-pull-through to ensure terminal connections are protected from pull out.
- Terminate wire connections (mains one side, dimmer control the other) and leave cable hanging.
- Guide the ceiling plates over the cables via rubber grommets.
- Assemble ceiling canpoies to back plates via 8 x M6 bolts and washers.
- Using the supplied S hooks, mount chain and light fitting. Height can be adjusted with chain links.
- The excess links can be cut and removed, or left hanging free.
- Run cables down chains as desired and into the chanels provided in the beam.
- Terminate connections via junction box (Mains) and terminal block (Dimmer) on beam,
- Use clips provided to hold cables in position in the channel.
- Test light and dimming functions.
- WARNING: The LED driver requires free air ventilation. Do place any objects on top of the beam.







- Assemble nuts and washers to eye bolts to hand tight.
- Ensure chain links have no twist with eyebolt lettering face out.
- Tighten nuts whilst keeping eybolts in position with a screwdriver through the eyebolt hole.

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	Designed by: DavidG	Checked by:	Approved by: DG	Date:	Project:	Date: 14/07/2017
	Dimensions in millimetres Limit on untoleranced unmachined dimensions ± 0.2mm No decmal place 1mm 1 decimal place ± 0.3mm 2 decimal places ± 0.1mm General unmachined angular tolerance ±1° Tolerance to be non-cumulative		Beam Assembly LED Dimmable			
					Revision: C0	Sheet: 3 / 4

DESCRIPTION:
Timber LED Beam Light No. 1 with remote dimming connetion.
Designed and hand crafted in Australia.
Indoor use only.
Input Voltage: 240VAC 50HZ (eg. AUS, UK, NZ) or 120VAC 60Hz (eg. US, CA).

LED Dirver: Mean Well PWM-40
Rated Wattage (LED Driver): 40W
SAA, CE, UL
Driver output:
LED Power: Constant Voltage 12V or 24V Red +ve, Black -ve
Dimming: Blue +ve White -ve

DIMMING:
There are three available modes of dimming. The driver will automatically detect the mode used.
1. 0-10VDC Potentiometer/dimmer control. - (Suggested SDF30 from ADM Instrument Engineering)
2. 10V PWM signal - frequency range 100Hz ~ 3KHz.
3. Resistive - 100K Potentiometer. (Only suitable for dimming a single light fitting/driver.)
Please refer to the provided LED Driver data sheet for more information.

If no dimmer is fitted the LED will display at full brightness.

DALI:
DALI control is possible with the addition of a DALI to PWM Converter 'Mean Well DAP-04-S01DM'.

PUSH BUTTON SWITCHING & DIMMING:
The DAP-04-S01DM module can accommodate a single momentary push button
to control dimming and mains-side switching functions.
Up to 20 light fittings can be controlled with one push button.
Refer to the DAP-040SO1DM data sheet for more information.

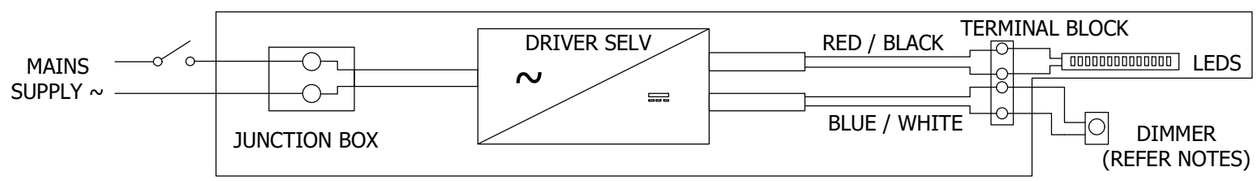
NOTE: It is always recomended to switch the light off from the source, rather
than leaving the dimmer turned all the way down.
Please consult with your electrician for more information.

SPECIFICATIONS:
LED: SMD2835 strip. 24V 30,000Hrs
Light Output: 2200lm
Colour Temperature: Optional
Cool White (6000K)
Natural White (4000K)
Warm White (3000K)
Colour Rendition Index (CRI): >80

DIMENSIONS:
Width: 1200mm
Height: 1500mm adjustable as standard, longer can be sepcified.
Depth: ~ 130mm
Weight: Approx 16kgs

All required lighting components come with either
SAA, RCM for Australia and New Zealand, CE for Europe or UL listing for the US and Canada.

WIRING DIAGRAM (SIMPLE DIMMING)



CAUTION!
NEVER PLACE ITEMS
ON THE TOP SURFACE
OF THIS LIGHT FITTING

USE ONLY FOR JOB NO.	Material			Finish		
UNCONTROLLED DOCUMENT	SCALE: DNS				© Little Anvil Co.	
	Designed by: DavidG	Checked by:	Approved by: DG	Date / Project	Date: 14/07/2017	
	Dimensions in millimetres Limit on untoleranced unmachined dimensions ± 0.2mm No decmal place 1mm 1 decimal place ± 0.3mm 2 decimal places ± 0.1mm General unmachined angular tolerance ±1° Tolerance to be non-cumulative			Beam Assembly LED Dimmable		
					Revision: C0	Sheet: 4 / 4