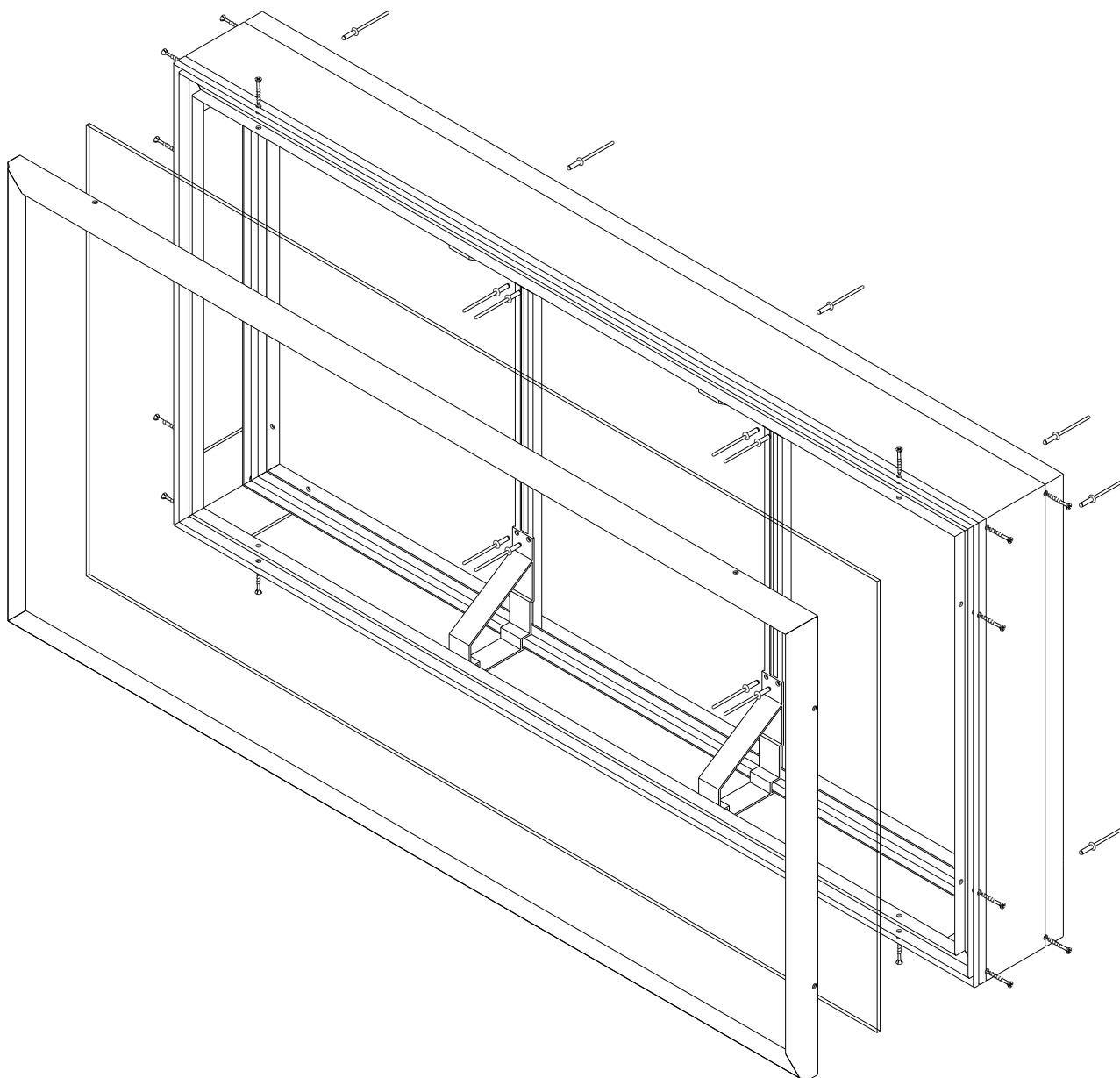


Self Build Sign System



Technical Specification & Price list

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

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LIGHTBOX SIGN SYSTEMS

Since fluorescent tube illumination became available, Lightboxes have become synonymous with the sign industry. Initially they were deeper in profile due to the intensity of light output from fluorescent tubes however in more recent years, with the evolution of LED, that depth requirement has reduced and so too have profile sizes.

The Lightbox Sign System comprises a range of eleven different extruded sections that combine to create five varying, standard mounting methods; post mounted, wall mounted, projecting and suspended.

Ashby Trade Sign Supplies has three Lightbox systems, each with unique benefits specific to application or circumstance. In addition we offer a full range of LED illumination to complete the product.

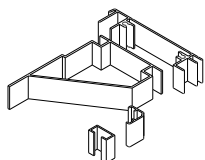
All components are kept in stock and are available on a same working day despatch.

As an alternative to a Self Build Sign System, these units can be supplied fully assembled but partially finished, powder coated to one of 107 stock RAL colours or fully finished complete with your graphics applied.

Please note that all prices are supplied in component form only, carriage charges and VAT have not been included.

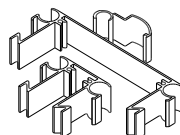
Ashby Trade Sign Supplies is a manufacturer, designer and distributor of signage systems. Open longer for our customers' convenience, our products can be purchased either as components, partly finished or fully finished systems.

SLIMLINE COMPONENTS (SINGLE)



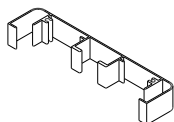
At a profile depth of 100mm, it has the lowest profile of the 5 systems and is recommended for use with LED's only. Slimline Lightbox features removable angular beading to fasten the substrate to the frame and supporting section (Slimline Bracket/Slimline Bar) for additional strength.

ROLLERBEAD COMPONENTS (SINGLE & DOUBLE)



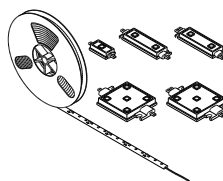
Rollerbead Lightbox features a completely removable beading, that allows for front loading of panels where space is restricted on install. It is suitable for use with fluorescent or LED illumination.

INTERGRAL COMPONENTS (DOUBLE)



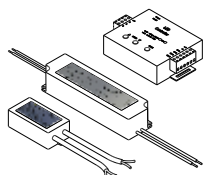
Integral Lightbox receives its name from the integration of beading and frame into one extrusion; allowing seamless/joint less finish.

LED ILLUMINATION



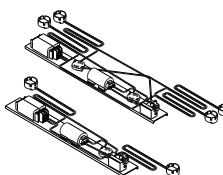
Available as either LED modules or LED ribbon.

POWER SUPPLIES & RGB CONTROLLER



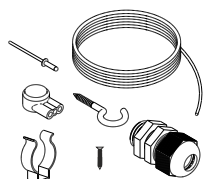
12V LED power supplies to suit either style of LED illumination, complete with variable RGB illumination control.

FLUORESCENT ILLUMINATION



A comprehensive detailed guide to electronic ballasts and other fluorescent related components.

FIXINGS & ACCESSORIES



A comprehensive list of all non-specific system components that are used throughout the range, including brackets to suit hanging or projecting mounting.

All Items sold are subject to the Standard Trading Terms of **Ashby Trade Sign Supplies Ltd.**
Copy on request or viewable at www.ashbytrade.net

Prices are correct at the time of printing and may be subject to change.

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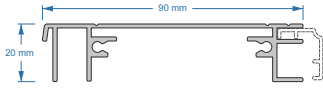
Paint References
White is Ral 9016 (Traffic White)





SLIMLINE COMPONENTS (SINGLE SIDED LIGHTBOX)

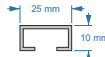
PAGE 3



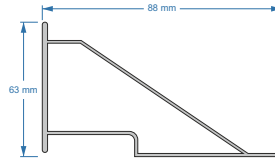
Slimline Light Box Extrusion
LIGHTSEW5.8/A5.8



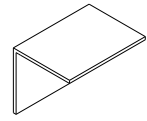
Slimline Beading Extrusion
LIGHTSEW5.8/A5.8



Slimline Support Bar
LIGHTSSEM2.5



Slimline Support Bracket
LIGHTSSBEM2.5



40mm x 40mm Slimline Angle (Pack of 4)
LIGHTSCA

PRODUCT	CODE	MATERIAL	FINISH	LENGTH	QTY	£	DISCOUNT RATES (PER ITEM)							
							QTY	£	QTY	£	QTY	£	QTY	£
Slimline Lightbox Extrusion Dimensions: 90mm x 20mm	LIGHTSEW5.8	ALUMINIUM 6063T6	White	5.8m	1	32.13	5+	30.52	10+	28.92	20+	27.31		
	LIGHTSEA5.8		Anodised	5.8m	1	35.51	5+	33.74	10+	31.96	20+	30.19		
Slimline Beading Extrusion Dimensions: 16mm x 18mm	LIGHTSEW5.8	ALUMINIUM 6063T6	White	5.8m	1	9.79	5+	9.30	10+	8.81	20+	8.32		
	LIGHTSEA5.8		Anodised	5.8m	1	11.42	5+	10.85	10+	10.28	20+	9.71		
Slimline Support Bar Dimensions: 25mm x 10mm	LIGHTSSEM2.5	ALUMINIUM 6063T6	Mill Finish	2.5m	1	3.27	5+	3.10	10+	2.94	20+	2.78		
Slimline Support Bracket Dimensions: 88mm x 63mm	LIGHTSSBEM2.5	ALUMINIUM 6063T6	Mill Finish	2.5m	1	32.73	5+	31.09	10+	29.45	20+	27.82		
40mm x 40mm Slimline Angle Corner Sections (Pack of 4)	LIGHTSCA	ALUMINIUM 6063T6	Grey	62mm	1	2.46	5+	2.33	10+	2.21	20+	2.09		

40x40 Slimline Angle Corner Sections
LIGHTSCA

Lightbox Backing
Backing is a 0.9mm Stucco patterned aluminium sheet
which gives a high degree of reflection.

Slimline Light Box Extrusion
LIGHTSEW5.8/A5.8

3.2x10mm Aluminium Pop Rivet (Small)
PTRS
Page 13

Slimline Support Bracket
LIGHTSSBEM2.5

EXAMPLE

Slimline Support Bar
LIGHTSSEM2.5
Lightboxes over 2m may require Support Bars
& Brackets every metre.

Slimline Beading Extrusion
LIGHTSEW5.8/A5.8

Substrate
(Usually 050 Opal Acrylic)

4.2x25mm Large Sign Frame Screw
MCS4.2x25
Page 13

SUBSTRATE SIZE	LENGTH	DEPTH	RECOMMENDED THICKNESS
ACRYLIC PANEL	-8mm	-8mm	3mm or 5mm

Take these Measurements off of the External Size for the size of the Acrylic

VISIBLE SIZE	LENGTH	DEPTH	REDUCE GRAPHIC SIZE
GRAPHIC	-30mm	-30mm	-15mm Allround

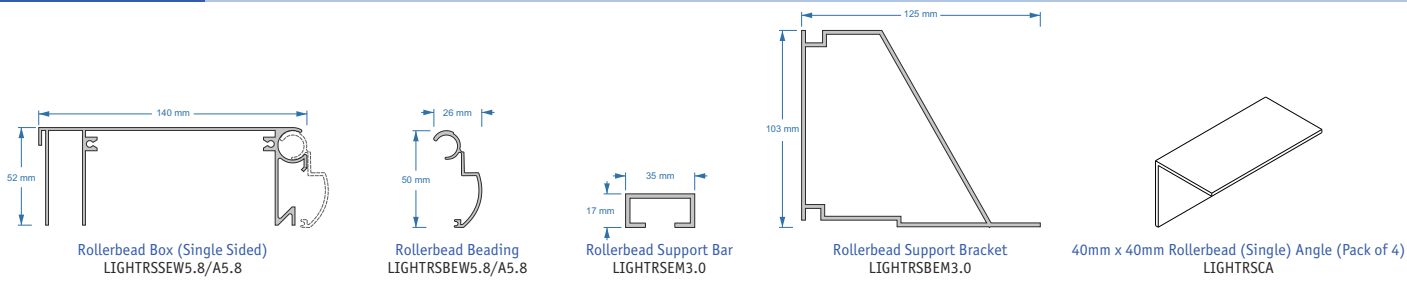
Take these Measurements off of the Acrylic Size for the size of the Graphic (Visible Size)

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

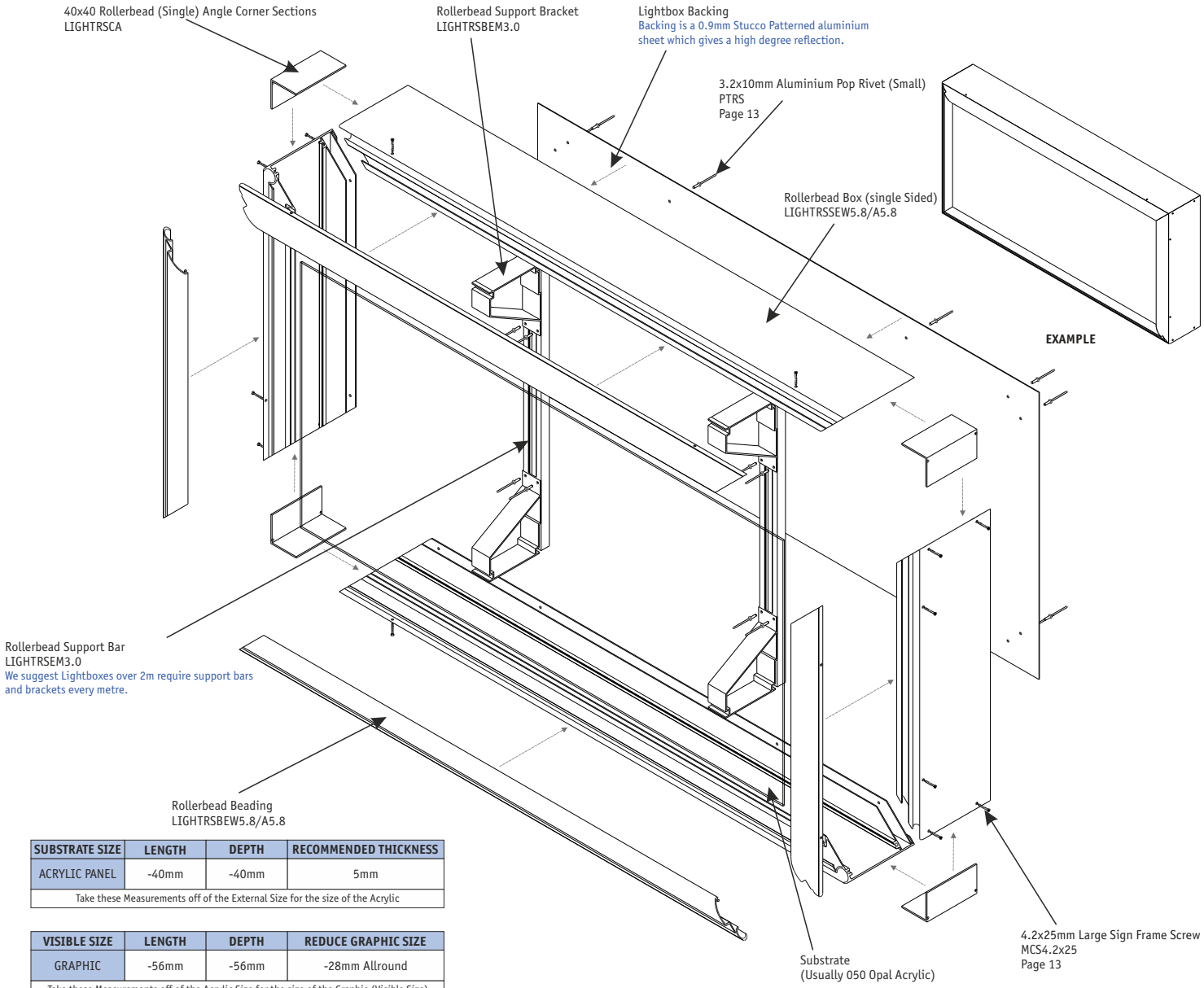
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Tools required to cut the
lightbox extrusion & joining
the extrusion parts together.





PRODUCT	CODE	MATERIAL	FINISH	LENGTH	QTY	£	DISCOUNT RATES (PER ITEM)					
							QTY	£	QTY	£	QTY	£
Rollerbead Box (Single Sided) Dimensions: 140mm x 52mm	LIGHTRSEW5.8	ALUMINIUM 6063T6	White	5.8m	1	71.32	5+	67.75	10+	64.19	20+	60.62
	LIGHTRSEW5.8		Anodised	5.8m	1	71.09	5+	67.53	10+	63.98	20+	60.43
Rollerbead Beading Dimensions: 26mm x 50mm	LIGHTRSEW5.8	ALUMINIUM 6063T6	White	5.8m	1	15.06	5+	14.30	10+	13.55	20+	12.80
	LIGHTRSEW5.8		Anodised	5.8m	1	14.55	5+	13.82	10+	13.09	20+	12.36
Rollerbead Support Bar Dimensions: 35mm x 17mm	LIGHTRSEM3.0	ALUMINIUM 6063T6	Mill Finish	3.0m	1	7.20	5+	6.84	10+	6.48	20+	6.12
Rollerbead Support Bracket Dimensions: 125mm x 103mm	LIGHTRSBEM3.0	ALUMINIUM 6063T6	Mill Finish	3.0m	1	36.86	5+	35.02	10+	33.18	20+	31.33
40mm x 40mm Rollerbead (Single) Angle Corner Sections (Pack of 4)	LIGHTRSCA	ALUMINIUM 6063T6	Grey	99mm	1	3.92	5+	3.73	10+	3.53	20+	3.34



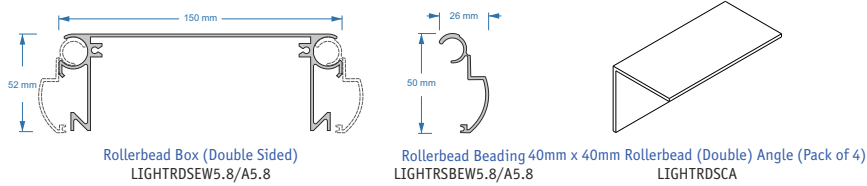
SUBSTRATE SIZE	LENGTH	DEPTH	RECOMMENDED THICKNESS
ACRYLIC PANEL	-40mm	-40mm	5mm

Take these Measurements off of the External Size for the size of the Acrylic

VISIBLE SIZE	LENGTH	DEPTH	REDUCE GRAPHIC SIZE
GRAPHIC	-56mm	-56mm	-28mm Allround

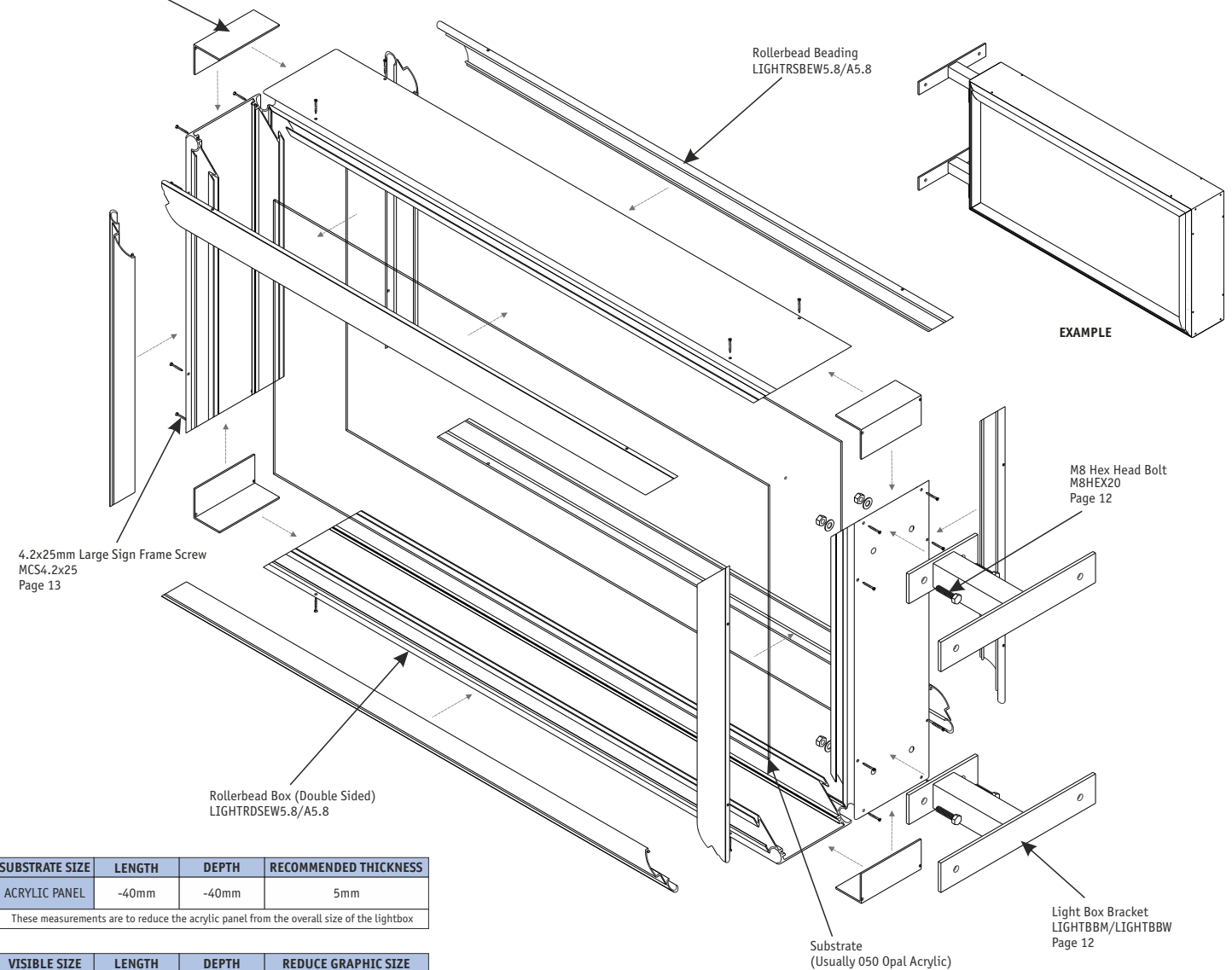
Take these Measurements off of the Acrylic Size for the size of the Graphic (Visible Size)

EXTRUDED ALUMINIUM SIGNAGE SYSTEM



PRODUCT	CODE	MATERIAL	FINISH	LENGTH	QTY	£	DISCOUNT RATES (PER ITEM)					
							QTY	£	QTY	£	QTY	£
Rollerbead Box (Double Sided) Dimensions: 150mm x 52mm	LIGHTRDSEW5.8	ALUMINIUM 6063T6	White	5.8m	1	60.62	5+	57.59	10+	54.56	20+	51.53
	LIGHTRDSEA5.8		Anodised	5.8m	1	59.23	5+	56.27	10+	53.31	20+	50.35
Rollerbead Beading Dimensions: 26mm x 50mm	LIGHTRSBW5.8	ALUMINIUM 6063T6	White	5.8m	1	15.06	5+	14.30	10+	13.55	20+	12.80
	LIGHTRSBEA5.8		Anodised	5.8m	1	14.55	5+	13.82	10+	13.09	20+	12.36
40mm x 40mm Rollerbead (Double) Angle Corner Sections (Pack of 4)	LIGHTRDSCA	ALUMINIUM 6063T6	Grey	116mm	1	4.60	5+	4.37	10+	4.14	20+	3.91

40x40 Rollerbead (Double) Angle Corner Sections
LIGHTRDSCA



SUBSTRATE SIZE	LENGTH	DEPTH	RECOMMENDED THICKNESS
ACRYLIC PANEL	-40mm	-40mm	5mm

These measurements are to reduce the acrylic panel from the overall size of the lightbox

VISIBLE SIZE	LENGTH	DEPTH	REDUCE GRAPHIC SIZE
GRAPHIC	-56mm	-56mm	-28mm Allround

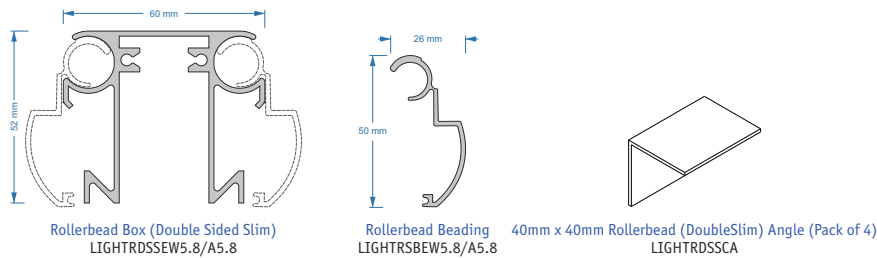
These measurements are to reduce the graphic from the acrylic panel (Visual Size)

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

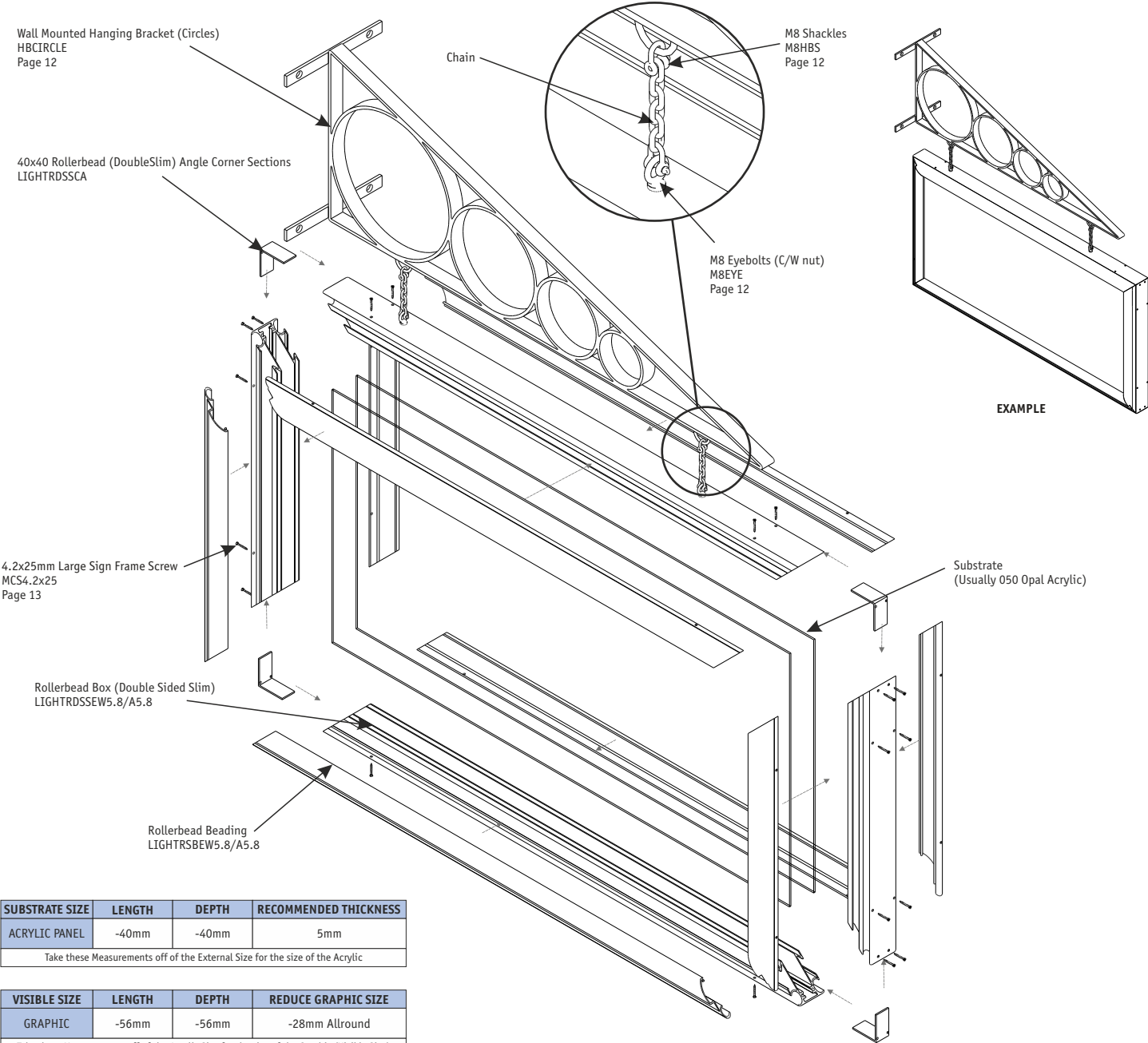
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Tools required to cut the
lightbox extrusion & joining
the extrusion parts together.





PRODUCT	CODE	MATERIAL	FINISH	LENGTH	QTY	£	DISCOUNT RATES (PER ITEM)					
							QTY	£	QTY	£	QTY	£
Rollerbead Box (Double Sided Slim) Dimensions: 60mm x 52mm	LIGHTRDSEW5.8	ALUMINIUM 6063T6	White	5.8m	1	45.84	5+	43.55	10+	41.26	20+	38.97
	LIGHTRDSEA5.8		Anodised	5.8m	1	49.17	5+	46.71	10+	44.26	20+	41.80
Rollerbead Beading Dimensions: 26mm x 50mm	LIGHTRSBW5.8	ALUMINIUM 6063T6	White	5.8m	1	15.06	5+	14.30	10+	13.55	20+	12.80
	LIGHTRSBEA5.8		Anodised	5.8m	1	14.55	5+	13.82	10+	13.09	20+	12.36
40mm x 40mm Rollerbead (DoubleSlim) Angle Corner Sections (Pack of 4)	LIGHTRDSSCA	ALUMINIUM 6063T6	Grey	26mm	1	2.06	5+	1.96	10+	1.85	20+	1.75



SUBSTRATE SIZE	LENGTH	DEPTH	RECOMMENDED THICKNESS
ACRYLIC PANEL	-40mm	-40mm	5mm

Take these Measurements off of the External Size for the size of the Acrylic

VISIBLE SIZE	LENGTH	DEPTH	REDUCE GRAPHIC SIZE
GRAPHIC	-56mm	-56mm	-28mm Allround

Take these Measurements off of the Acrylic Size for the size of the Graphic (Visible Size)

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

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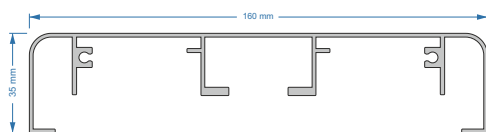
Tools required to cut the lightbox extrusion & joining the extrusion parts together.



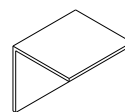


INTEGRAL COMPONENTS (DOUBLE SIDED)

PAGE 7



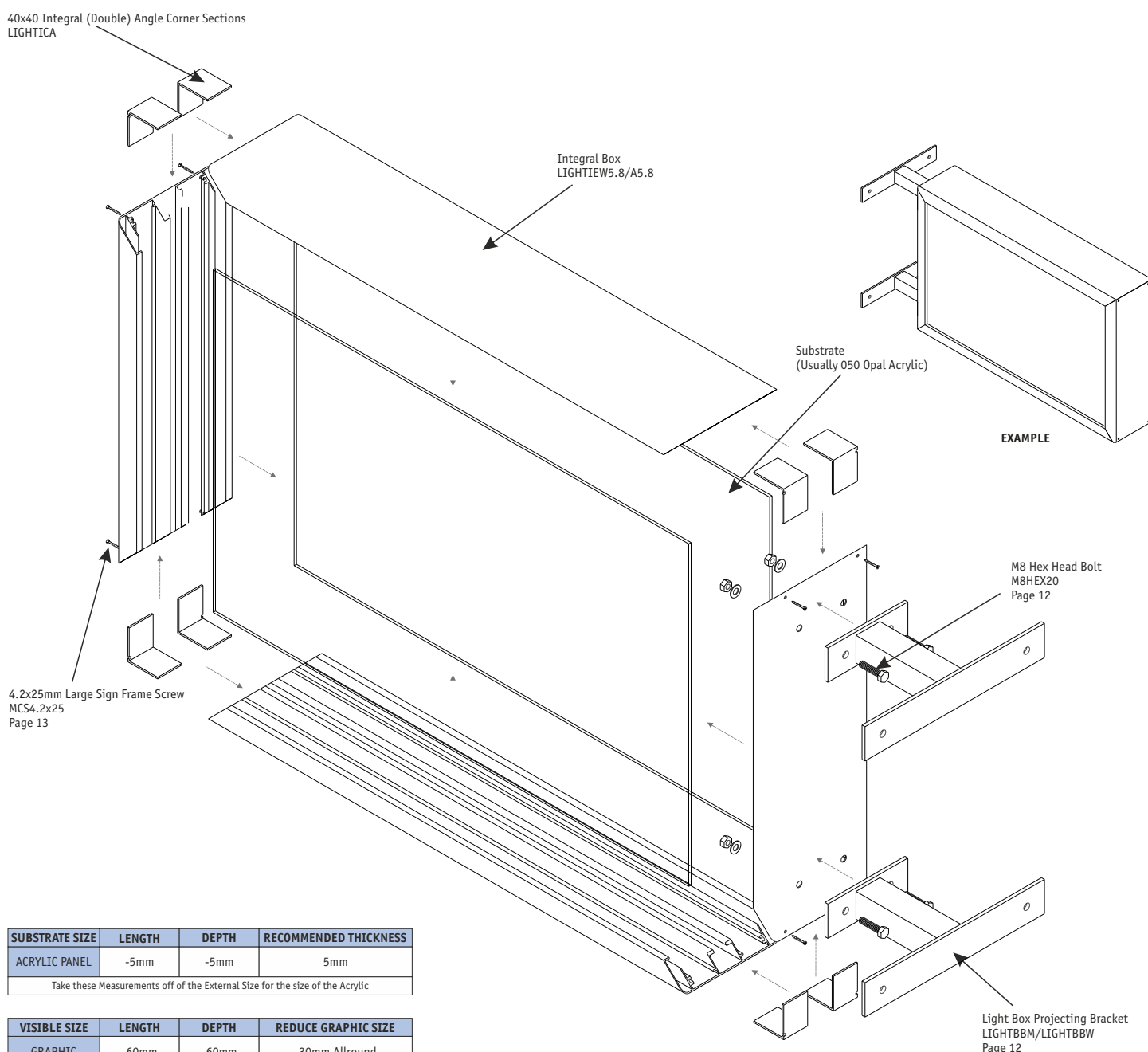
Integral Box (Double Sided)
LIGHTIEW5.8/A5.8



40mm x 40mm Integral (Double) Angle (Pack of 8)
LIGHTICA

PRODUCT	CODE	MATERIAL	FINISH	LENGTH	QTY	£	DISCOUNT RATES (PER ITEM)					
							QTY	£	QTY	£	QTY	£
Integral Box (Double Sided) Dimensions: 160mm x 35mm	LIGHTIEW5.8	ALUMINIUM 6063T6	White	5.8m	1	63.92	5+	60.72	10+	57.53	20+	54.33
	LIGHTIEA5.8		Anodised	5.8m	1	70.28	5+	66.77	10+	63.25	20+	59.74
40mm x 40mm Integral (Double) Angle Corner Sections (Pack of 8)	LIGHTICA	ALUMINIUM 6063T6	Grey	43mm	1	3.41	5+	3.24	10+	3.07	20+	2.90

40x40 Integral (Double) Angle Corner Sections
LIGHTICA



SUBSTRATE SIZE	LENGTH	DEPTH	RECOMMENDED THICKNESS
ACRYLIC PANEL	-5mm	-5mm	5mm

Take these Measurements off of the External Size for the size of the Acrylic

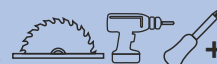
VISIBLE SIZE	LENGTH	DEPTH	REDUCE GRAPHIC SIZE
GRAPHIC	-60mm	-60mm	-30mm Allround

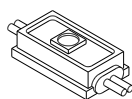
Take these Measurements off of the Acrylic Size for the size of the Graphic (Visible Size)

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

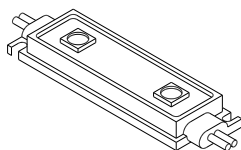
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Tools required to cut the
lightbox extrusion & joining
the extrusion parts together.

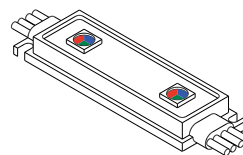




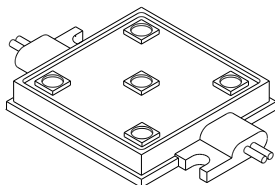
Small Module White
ALEDSW
Lumen Output: 19



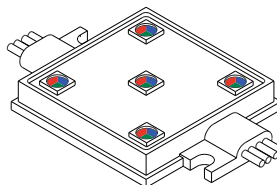
Medium Module White
ALEDMW
Lumen Output: 36



Medium Module RGB
ALEDMRGB
Lumen Output: N/A

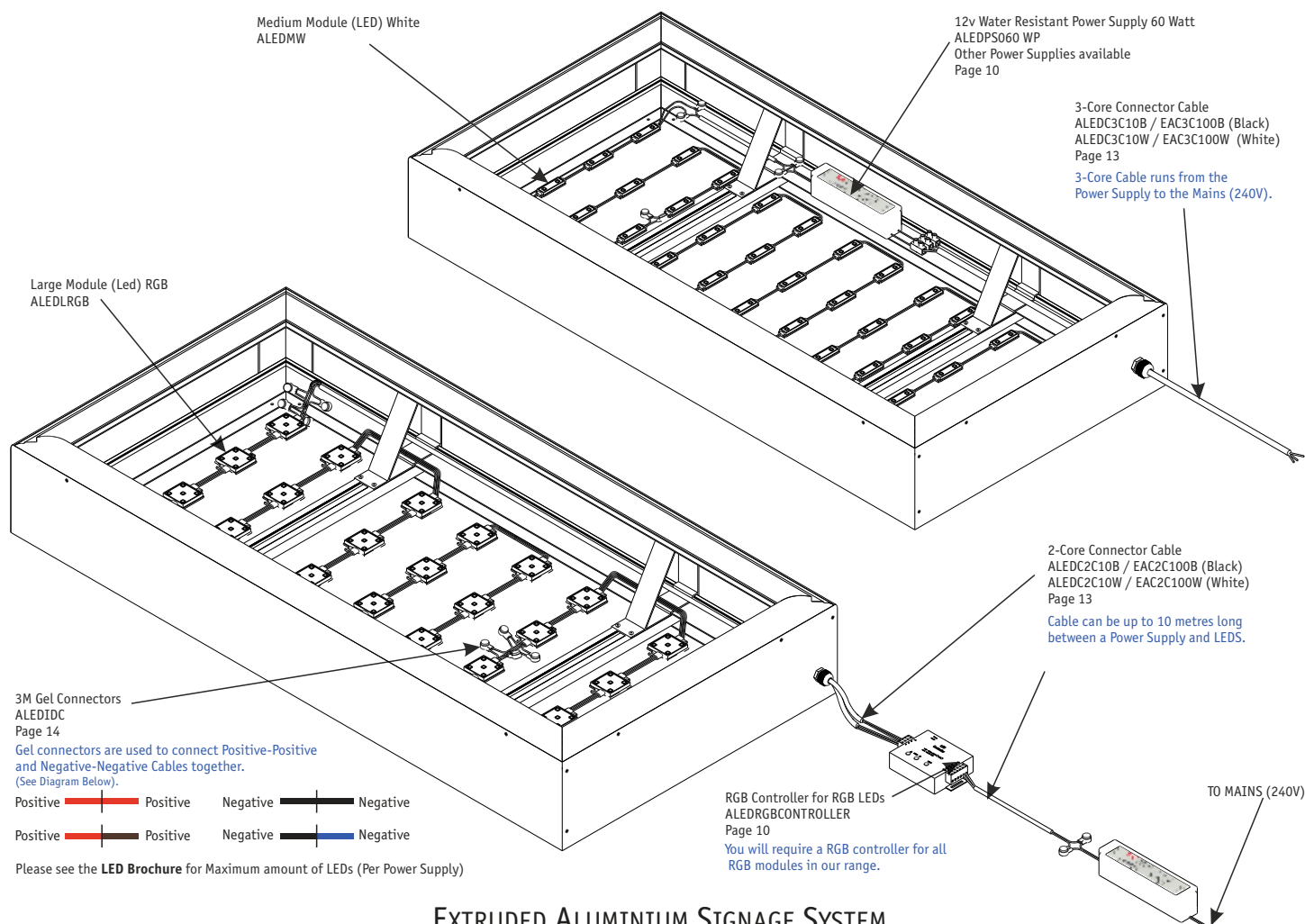


Large Module White
ALEDLW
Lumen Output: 85



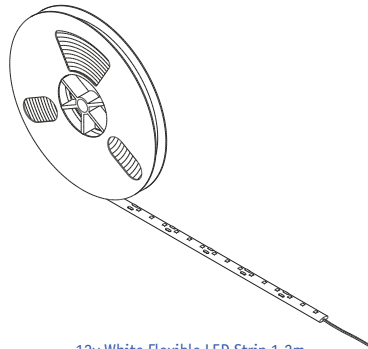
Large Module RGB
ALEDLRGB
Lumen Output: N/A

Lumen Output: 85						Lumen Output: N/A			DISCOUNT RATES (PER ITEM)			
PRODUCT	COLOUR	CODE	DIODES (per Module)	WATTS (per Module)	Modules (per Metre)	QTY	£	QTY	£	QTY	£	
Small Module Dimensions: 21mm x 10mm x 6mm	White	ALED5W	1	0.24w	16	1	0.58	100+	0.53	200+	0.46	
Medium Module Dimensions: 55mm x 15mm x 6mm	White	ALEDMW	2	0.48w	8	1	0.86	100+	0.75	200+	0.65	
Medium Module Dimensions: 55mm x 15mm x 6mm	RGB	ALEDMRGB	2	0.72w	8	1	0.86	100+	0.75	200+	0.65	
Large Module Dimensions: 54mm x 38mm x 8mm	White	ALEDLW	5	1.2w	8	1	1.44	100+	1.26	200+	1.07	
Large Module Dimensions: 54mm x 38mm x 8mm	RGB	ALEDLRGB	5	1.44w	8	1	1.44	100+	1.26	200+	1.07	
Info:	ALL LED MODULES HAVE A 120 DEGREE BEAM ANGLE											
Note:	Please see the LED Brochure for LED spacing and Maximum number of LEDs (per power supply)											

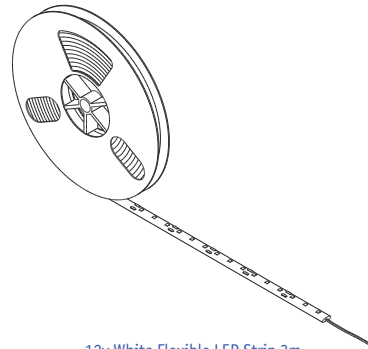


EXTRUDED ALUMINIUM SIGNAGE SYSTEM

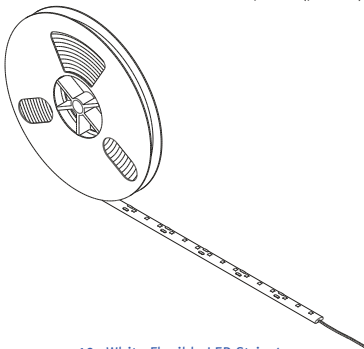




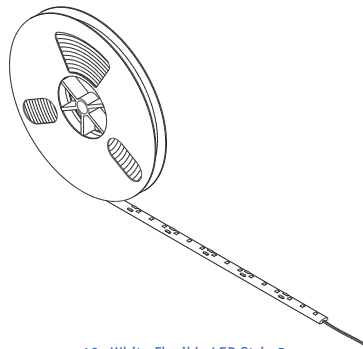
12v White Flexible LED Strip 1.2m
ALEDRIBBON1.2
Lumen Output: 320 (per metre)



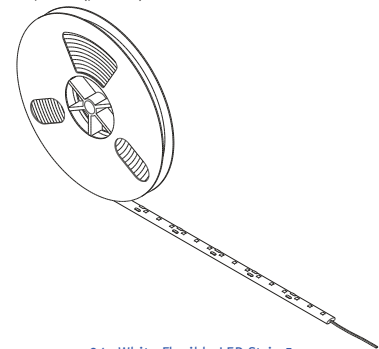
12v White Flexible LED Strip 3m
ALEDRIBBON3.0
Lumen Output: 320 (per metre)



12v White Flexible LED Strip 4m
ALEDRIBBON4.0
Lumen Output: 320 (per metre)



12v White Flexible LED Strip 5m
ALEDRIBBON5.0
Lumen Output: 320 (per metre)



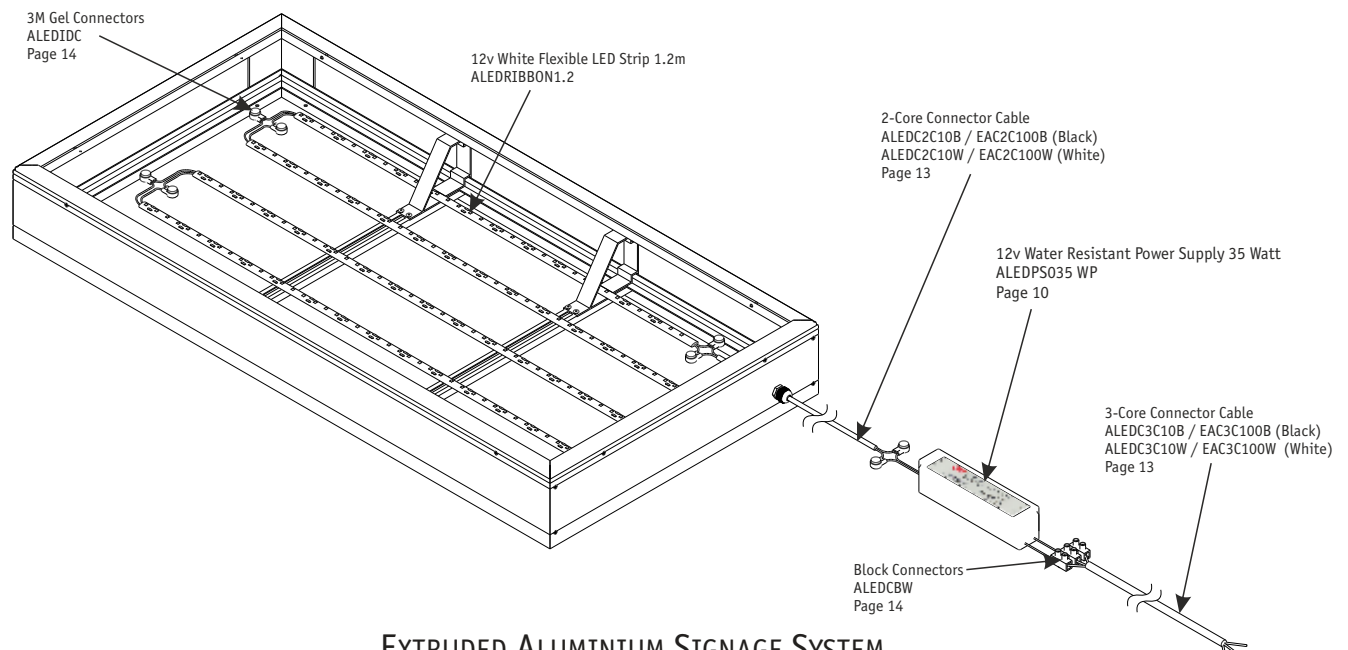
24v White Flexible LED Strip 5m
ALEDRIBBON5.024V
Lumen Output: 1200 (per metre)

PRODUCT	LENGTH	COLOUR	CODE	WATTS (per strip)	QTY	£	DISCOUNT RATES (PER ITEM)			
							QTY	£	QTY	£
12v Flexible LED Strip 1.2m Dimensions: 10mm x 2.5mm	1200mm	White	ALEDRIBBON1.2	5.76w	1	7.69	41+	7.18	82+	6.48
12v Flexible LED Strip 3m Dimensions: 10mm x 2.5mm	3000mm	White	ALEDRIBBON3.0	14.4w	1	19.21	17+	17.93	34+	16.20
12v Flexible LED Strip 4m Dimensions: 10mm x 2.5mm	4000mm	White	ALEDRIBBON4.0	19.2w	1	25.60	13+	23.90	26+	21.59
12v Flexible LED Strip 5m Dimensions: 10mm x 2.5mm	5000mm	White	ALEDRIBBON5.0	24w	1	32.00	10+	29.88	20+	26.99
24v Flexible LED Strip 5m Dimensions: 10mm x 2.5mm	5000mm	White	ALEDRIBBON5.024V	72w	1	52.94	10+	49.43	20+	44.65

Note:

Please see the LED Brochure for LED spacing and maximum amount of LEDs (per power supply)

Make sure you purchase the correct power supply for your LED product.

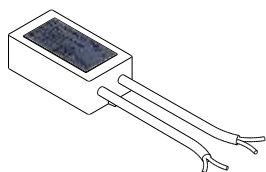


EXTRUDED ALUMINIUM SIGNAGE SYSTEM

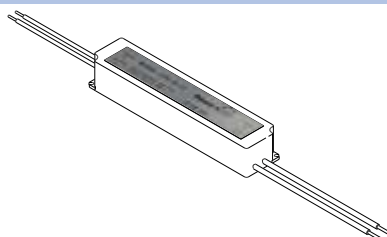
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Tools required to
cut/uncoat the wiring
and connecting cables

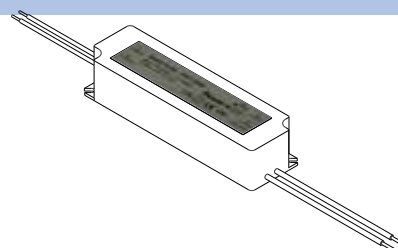




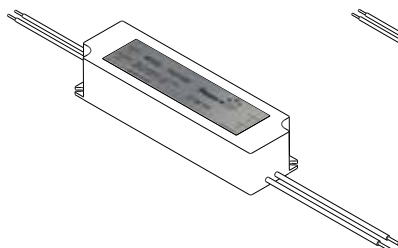
12v Water Resistant Power Supply 10 Watt
ALEDPS010 WP



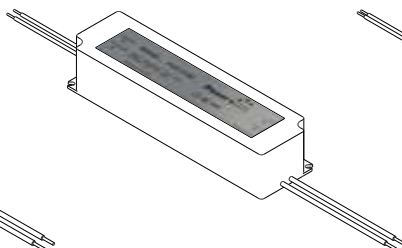
12v Water Resistant Power Supply 18 Watt
ALEDPS018 WP



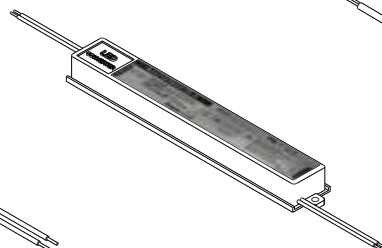
12v Water Resistant Power Supply 35 Watt
ALEDPS035 WP



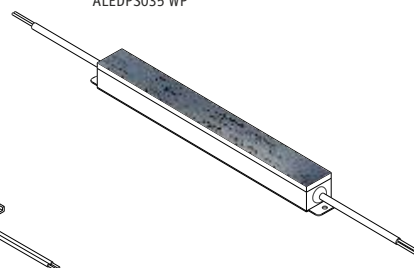
12v Water Resistant Power Supply 60 Watt
ALEDPS060 WP



12v Water Resistant Power Supply 100 Watt
ALEDPS100 WP



24v Water Resistant Power Supply 30 Watt
ALEDPS030 WP24

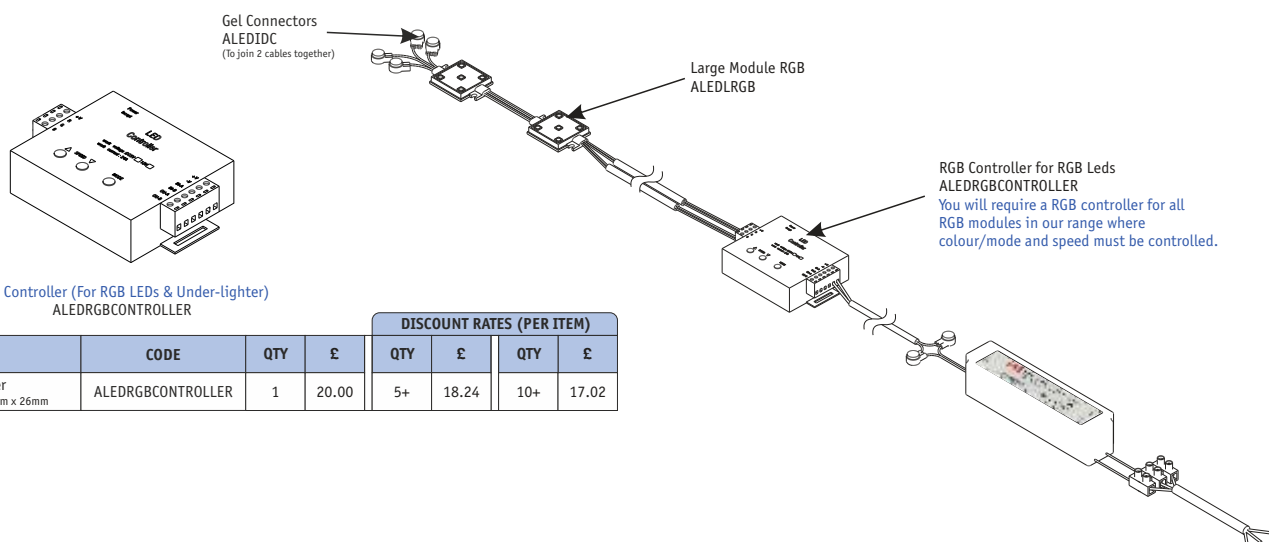


24v Water Resistant Power Supply 60 Watt
ALEDPS060 WP24

PRODUCT	CODE	IP RATING	WATTS	QTY	£	DISCOUNT RATES (PER ITEM)			
						QTY	£	QTY	£
12v Water Resistant Power Supply 10 Watt Dimensions: 75mm x 35mm x 23mm	ALEDPS010 WP	IP65	10w	1	12.08	10+	11.04	20+	10.01
12v Water Resistant Power Supply 18 Watt Dimensions: 140mm x 30mm x 22mm	ALEDPS018 WP	IP67	18w	1	8.51	10+	7.78	20+	7.05
12v Water Resistant Power Supply 35 Watt Dimensions: 148mm x 40mm x 30mm	ALEDPS035 WP	IP67	30w	1	21.37	10+	19.54	20+	17.70
12v Water Resistant Power Supply 60 Watt Dimensions: 163mm x 42mm x 32mm	ALEDPS060 WP	IP67	60w	1	25.34	10+	23.17	20+	21.00
12v Water Resistant Power Supply 100 Watt Dimensions: 190mm x 52mm x 37mm	ALEDPS100 WP	IP67	100w	1	47.50	10+	43.42	20+	39.35
24v Water Resistant Power Supply 30 Watt Dimensions: 194mm x 28mm x 19mm	ALEDPS030 WP24	IP62	30w	1	18.55	10+	16.96	20+	15.37
24v Water Resistant Power Supply 60 Watt Dimensions: 285mm x 30mm x 28mm	ALEDPS060 WP24	IP67	60w	1	27.06	10+	24.74	20+	22.42
Note: See LED brochure for what power supply you will need for the number of LEDs chosen and IP rating chart									

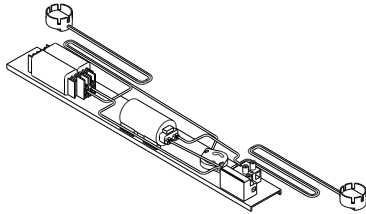
Make sure you purchase the correct power supply for your LED product.

RGB CONTROLLER

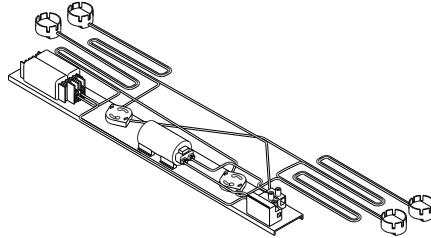


PRODUCT	CODE	QTY	£	DISCOUNT RATES (PER ITEM)			
				QTY	£	QTY	£
RGB Controller Dimensions: 106mm x 70mm x 26mm	ALEDRGBCONTROLLER	1	20.00	5+	18.24	10+	17.02

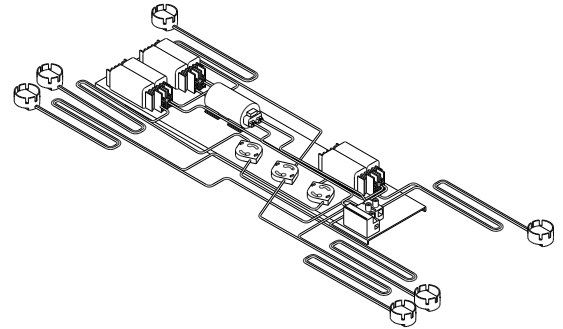
EXTRUDED ALUMINIUM SIGNAGE SYSTEM



Single Tube Gear Tray (2ft/3ft/4ft/5ft/6ft)
GTSINGLE2FT/3FT/4FT/5FT/6FT
(Suitable for 1x T8 Tubes)

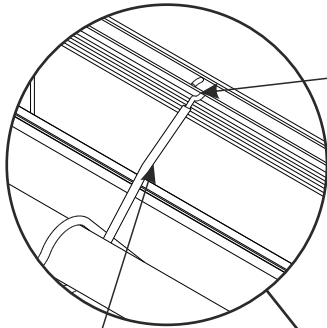


Twin Tube Gear Tray (2ft/3ft/4ft/5ft/6ft)
GTTWIN2FT/3FT/4FT/5FT/6FT
(Suitable for 2x T8 Tubes)



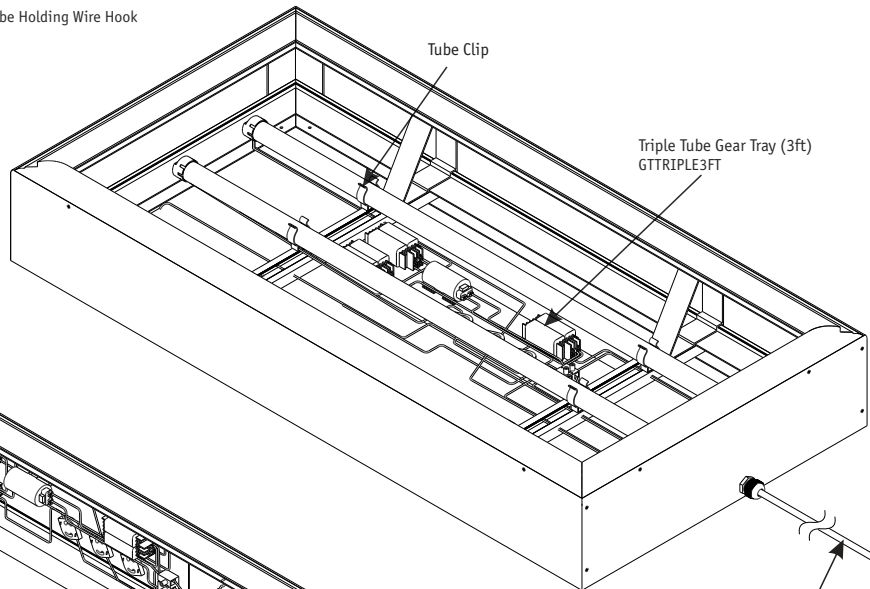
Triple Tube Gear Tray (2ft/3ft/4ft/5ft/6ft)
GTTRIPLE2FT/3FT/4FT/5FT/6FT
(Suitable for 3x T8 Tubes)

PRODUCT	CODE	DIMENSIONS (mm)	WATTS	RECOMMENDED T8 TUBE LENGTH	TUBE AMOUNT	QTY	£	DISCOUNT RATES (PER ITEM)	
								QTY	£
Single Tube Gear Tray (2ft)	GTSINGLE2FT	375x50x36	18w	2ft	1	1	5.62	5+	5.38
Single Tube Gear Tray (3ft)	GTSINGLE3FT	375x50x36	30w	3ft	1	1	5.62	5+	5.38
Single Tube Gear Tray (4ft)	GTSINGLE4FT	375x50x36	36w	4ft	1	1	5.62	5+	5.38
Single Tube Gear Tray (5ft)	GTSINGLE5FT	375x50x36	58w	5ft	1	1	7.86	5+	7.53
Single Tube Gear Tray (6ft)	GTSINGLE6FT	375x50x36	70w	6ft	1	1	8.50	5+	8.14
Twin Tube Gear Tray (2ft)	GTTWIN2FT	422x50x36	18w	2ft	2	1	6.86	5+	6.58
Twin Tube Gear Tray (3ft)	GTTWIN3FT	372x94x36	30w	3ft	2	1	10.32	5+	9.89
Twin Tube Gear Tray (4ft)	GTTWIN4FT	372x94x36	36w	4ft	2	1	10.32	5+	9.89
Twin Tube Gear Tray (5ft)	GTTWIN5FT	372x94x36	58w	5ft	2	1	13.34	5+	12.79
Twin Tube Gear Tray (6ft)	GTTWIN6FT	372x94x36	70w	6ft	2	1	13.94	5+	13.36
Triple Tube Gear Tray (2ft)	GTTRIPLE2FT	372x94x36	18w	2ft	3	1	12.20	5+	11.70
Triple Tube Gear Tray (3ft)	GTTRIPLE3FT	422x94x36	30w	3ft	3	1	15.37	5+	14.73
Triple Tube Gear Tray (4ft)	GTTRIPLE4FT	422x94x36	36w	4ft	3	1	15.37	5+	14.73
Triple Tube Gear Tray (5ft)	GTTRIPLE5FT	422x94x36	58w	5ft	3	1	20.35	5+	19.50
Triple Tube Gear Tray (6ft)	GTTRIPLE6FT	422x94x36	70w	6ft	3	1	21.18	5+	20.30

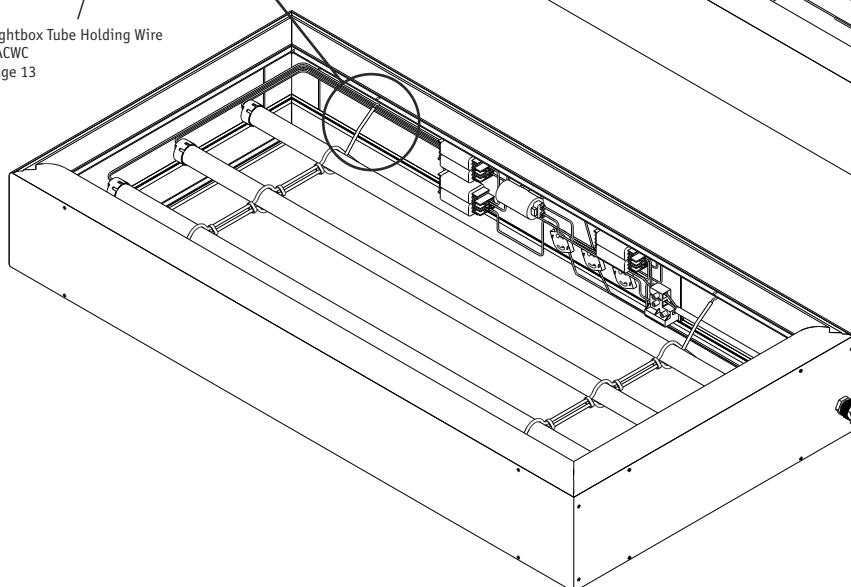


Lightbox Tube Holding Wire Hook
ALEDCWH
Page 13

Lightbox Tube Holding Wire
EACWC
Page 13



Triple Tube Gear Tray (3ft)
GTTRIPLE3FT

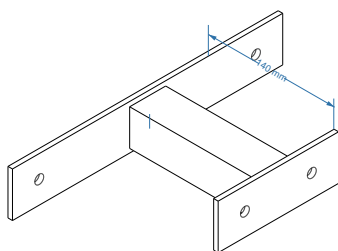


Large Cable Gland (Black/White)
ALEDCGLB/ALEDCGLW
Page 14

3-Core Connector Cable
ALEDC3C10B / EAC3C100B (Black)
ALEDC3C10W / EAC3C100W (White)
Page 13

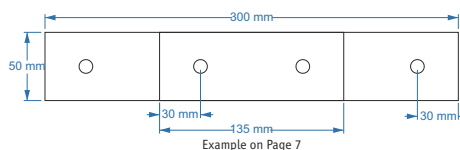
EXTRUDED ALUMINIUM SIGNAGE SYSTEM





Light Box Projecting Bracket
LIGHTBBM/LIGHTBBW
(Suitable for Rollerhead Regular & Integral Lightboxes)

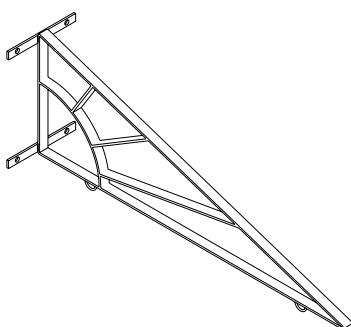
Example on Page 7



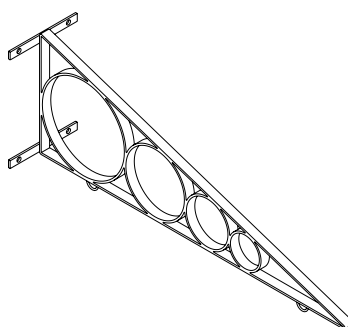
Example on Page 7

PRODUCT	CODE	MATERIAL	FINISH	QTY	£	DISCOUNT RATES (PER ITEM)			
						QTY	£	QTY	£
Light box Projecting Bracket Dimensions: 300mm x 50mm x 150mm	LIGHTBBM	ALUMINIUM	Mill Finish	1	15.00	5+	13.50	10+	12.00
	LIGHTBBW	6063T6	White	1	18.00	5+	16.20	10+	14.40

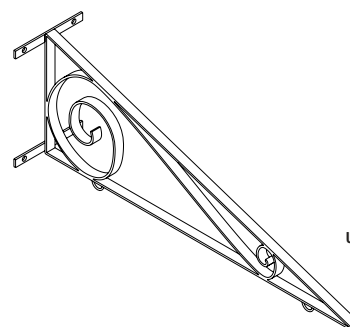
Two Light box brackets will be required per lightbox (1x top and 1x Bottom)



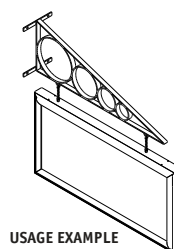
Wall Mounted Hanging Bracket (Sunrise)
HBSUN



Wall Mounted Hanging Bracket (Circles)
HBCIRCLE



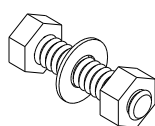
Wall Mounted Hanging Bracket (Scroll)
HBSCROLL



USAGE EXAMPLE

PRODUCT	CODE	MATERIAL	LENGTH	FINISH	QTY	£	DISCOUNT RATES (PER ITEM)			
							QTY	£	QTY	£
Wall Mounted Hanging Bracket (Sunrise) Dimensions: 900mm x 310mm x 200mm	HBSUN	STEEL	900mm	Black	1	34.80	5+	31.32	10+	27.84
Wall Mounted Hanging Bracket (Circles) Dimensions: 900mm x 310mm x 200mm	HBCIRCLE		900mm	Black	1	34.80	5+	31.32	10+	27.84
Wall Mounted Hanging Bracket (Scroll) Dimensions: 900mm x 310mm x 200mm	HBSCROLL		900mm	Black	1	34.80	5+	31.32	10+	27.84

Hanging Loops are 600mm apart (centre)



M8 Hex Head Bolt
M8HEX020/35/60



M8 Eyebolts (C/W nut)
M8EYE



M8 Shackles
M8HBS

PRODUCT	CODE	MATERIAL	LENGTH	FINISH	QTY	£	DISCOUNT RATES (PER BOX)			
							QTY	£(BOX)	QTY	£(BOX)
M8 x 20mm Hex Head Bolt	M8HEX020	STAINLESS STEEL	20mm	Silver	1	0.19	100	11.10	1000	83.25
M8 x 35mm Hex Head Bolt	M8HEX035		35mm	Silver	1	0.25	100	14.04	1000	105.30
M8 x 60mm Hex Head Bolt	M8HEX060		60mm	Silver	1	0.33	100	18.88	1000	141.60
M8 Eyebolts	M8EYE		N/A	Silver	1	2.50	25	22.92		
M8 Shackles	M8HBS		N/A	Silver	1	2.50	20	25.12		

Hex Head Bolts are required for use with M8 Nut Inserts

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

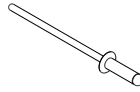
www.ashbytrade.net
+44 (0) 118 981 5343

Tools required to connect
the lightbox to the bracket
and the wall .





4.2x25mm Large Sign Frame Screw
MCS4.2x25

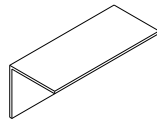


Aluminium Pop Rivet
PTRS/PTRL

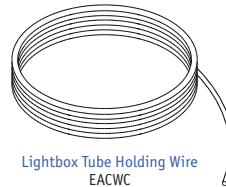


Lightbox Tube Holding Wire Hook
ALEDCWH

PRODUCT	CODE	MATERIAL	FINISH	QTY	£	DISCOUNT RATES (PER BOX)	
						QTY	£(BOX)
4.2x25mm Large Sign Frame Screw	MCS4.2x25	STEEL	Silver	1	0.08	1000	15.60
3.2x10mm Aluminium Pop Rivet	PTRS	ALUMINIUM	Silver	1	0.05	1000	24.90
4.8x12mm Aluminium Pop Rivet	PTRL	ALUMINIUM	Silver	1	0.05	500	11.70
Lightbox Tube Holding Wire Hook	EACWH	STEEL/PLASTIC	Silver	1	0.05	200	7.32

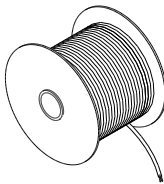


40mm x 40mm Angle
40403.0

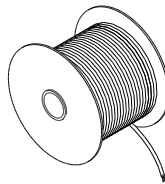


Lightbox Tube Holding Wire
EACWC

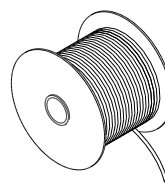
PRODUCT	CODE	MATERIAL	LENGTH	FINISH	QTY	£	DISCOUNT RATES (PER ITEM)			
							QTY	£	QTY	£
40mm x 40mm Angle	40403.0	ALUMINIUM 6063T6	3m	Grey	1	11.41	10+	9.70	20+	7.99
Lightbox Tube Holding Wire	EACWC	STEEL/PVC	5m	White	1	4.17	6+	3.50		



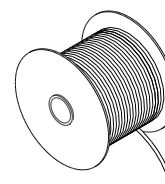
10m/100m 2-Core Cable (Black)
ALEDC2C10B / EAC2C100B



10m/100m 2-Core Cable (White)
ALEDC2C10W / EAC2C100W



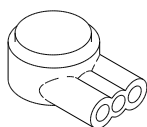
10m/100m 3-Core Cable (Black)
ALEDC3C10B / EAC3C100B



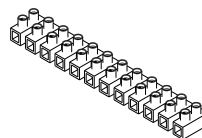
10m/100m 3-Core Cable (White)
ALEDC3C10W / EAC3C100W

PRODUCT	CODE	LENGTH	QTY	£	DISCOUNT RATES (PER ITEM)	
					QTY	£
2-Core Cable (Black)	ALEDC2C10B	10m	1	3.33	5+	3.00
2-Core Cable (White)	ALEDC2C10W	10m	1	3.33	5+	3.00
2-Core Cable (Black)	EAC2C100B	100m	1	24.98	5+	22.14
2-Core Cable (White)	EAC2C100W	100m	1	24.98	5+	22.14
3-core Cable (Black)	ALEDC3C10B	10m	1	7.35	5+	6.62
3-core Cable (White)	ALEDC3C10W	10m	1	7.35	5+	6.62
3-core Cable (Black)	EAC3C100B	100m	1	55.13	5+	48.88
3-core Cable (White)	EAC3C100W	100m	1	55.13	5+	48.88

2-Core Cable is for use with the White LEDs (between LEDs and the Power Supply or increasing spacing between LEDs).
3-core Cable is for use with the Power Supply (between Mains and Power Supply).

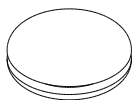


Gel Connectors
ALEDIDC
(To join 2 cables together)

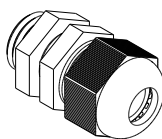


Block Connectors
ALEDGB
(To join cables together)

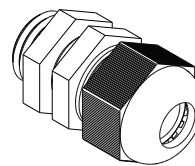
PRODUCT	CODE	FINISH	QTY	£	DISCOUNT RATES (PER BOX)	
					QTY	£
Gel Connector Dimensions: 17mm x 12mm x 8mm	ALEDIDC	Clear/Red	1	0.22	100	17.90
Block Connectors Dimensions: 140mm x 24mm x 16mm	ALEDGB	Clear	1	1.95	10	13.00



20mm Blind Gromets
ALEDGB
(To seal cable coming out of lightbox)

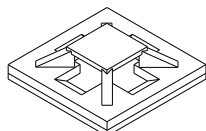


Small Cable Gland (Black/White)
ALEDGBS/ALEDGBW
(To seal cable coming out of Troughlight)

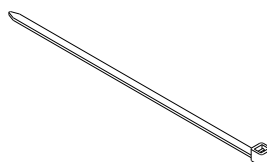


Large Cable Gland (Black/White)
ALEDGBLB/ALEDGBLW
(To seal cable coming out of Troughlight)

PRODUCT	CODE	MATERIAL	FINISH	QTY	£	DISCOUNT RATES (PER BOX)	
						QTY	£(BOX)
20mm Blind Gromet Dimensions: 23mm x 23mm x 6mm	ALEDGB	RUBBER	Black	1	0.10	100	6.60
Small Cable Gland (Black) Dimensions: 28mm x 17mm x 17mm	ALEDGBS	NYLON	Black	1	0.62	10	4.26
Small Cable Gland (White) Dimensions: 28mm x 17mm x 17mm	ALEDGBW	NYLON	White	1	0.62	10	4.26
Large Cable Gland (Black) Dimensions: 40mm x 23mm x 23mm	ALEDGBLB	NYLON	Black	1	0.74	10	5.12
Large Cable Gland (White) Dimensions: 40mm x 23mm x 23mm	ALEDGBLW	NYLON	White	1	0.74	10	5.12



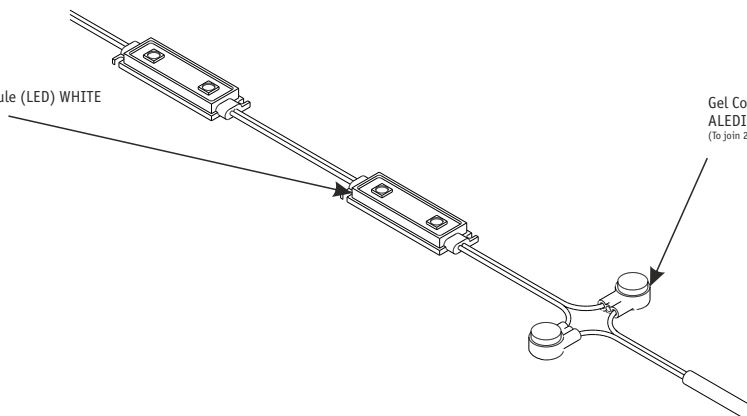
Cable Tie Mount (Black)
ALEDCTM
(Self Adhesive)



Cable Tie (Black/Clear)
ALEDCT160C

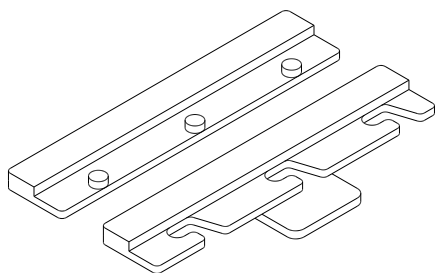
PRODUCT	CODE	MATERIAL	FINISH	QTY	£	DISCOUNT RATES (PER BOX)	
						QTY	£(BOX)
Cable Tie Mount (Black) Dimensions: 20mm x 20mm	ALEDCTMB	NYLON	Black	1	0.18	100	12.20
Cable Tie (Clear) Dimensions: 160mm x 4.8mm	ALEDCT160C	NYLON	Clear	1	0.07	100	3.45

Medium Module (LED) WHITE
ALEDMW
Page 8

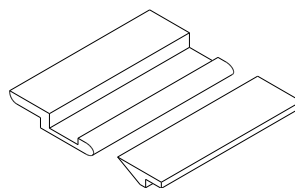


Gel Connectors
ALEDIDC
(To join 2 cables together)

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

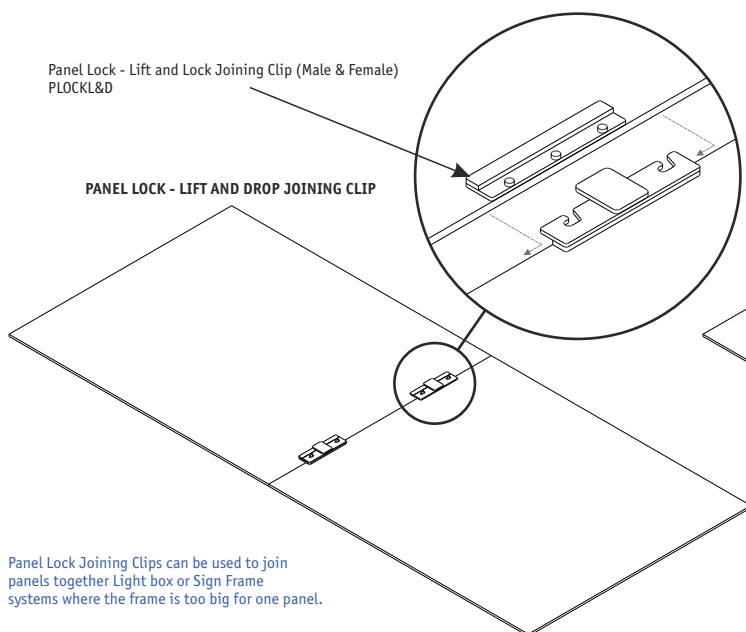


Panel Lock - Lift and Lock Joining Clip (Male & Female)
PLOCKL&D

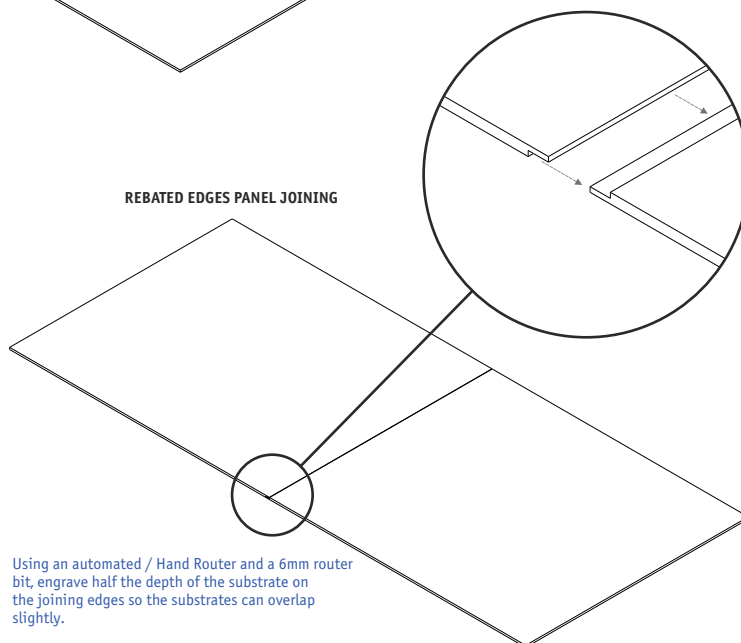
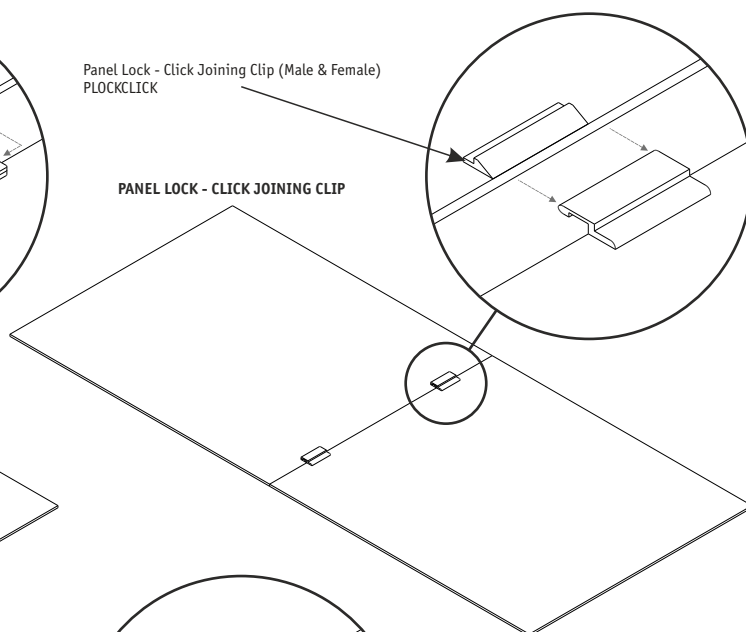


Panel Lock - Click Joining Clip (Male & Female)
PLOCKCLICK

PRODUCT	CODE	MATERIAL	QTY	£	DISCOUNT RATES (PER ITEM)			
					QTY	£	QTY	£
Panel Lock - Lift and Lock Joining Clip (Male & Female) Dimensions: 30mm x 100mm x 7.8mm	PLOCKL&D	SAN	1	0.70	100+	0.56	200+	0.49
Panel Lock - Click Joining Clip (Male & Female) Dimensions: 30mm x 50mm x 6mm	PLOCKCLICK	SAN	1	0.55	100+	0.44	200+	0.39



Panel Lock Joining Clips can be used to join panels together Light box or Sign Frame systems where the frame is too big for one panel.

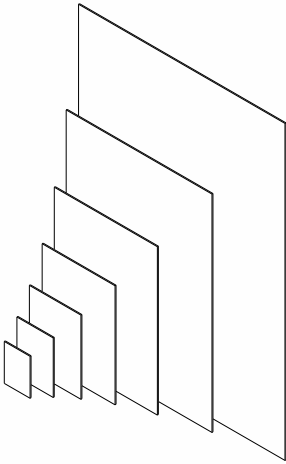


Using an automated / Hand Router and a 6mm router bit, engrave half the depth of the substrate on the joining edges so the substrates can overlap slightly.

EXTRUDED ALUMINIUM SIGNAGE SYSTEM

Paper Size Guide

Size	Millimetres
A6	105mm x 148mm
A5	148mm x 210mm
A4	210mm x 297mm
A3	297mm x 420mm
A2	420mm x 594mm
A1	594mm x 841mm
A0	841mm x 1189mm



British SWG (Standard Wire Gauge) Table

SWG	Millimetres	SWG	Millimetres
7/0	12.700mm	23	0.610mm
6/0	11.786mm	24	0.559mm
5/0	10.973mm	25	0.5080mm
4/0	10.160mm	26	0.4572mm
3/0	9.449mm	27	0.4166mm
2/0	8.839mm	28	0.3759mm
0	8.230mm	29	0.3454mm
1	7.620mm	30	0.3150mm
2	7.010mm	31	0.2946mm
3	6.401mm	32	0.2743mm
4	5.893mm	33	0.2540mm
5	5.385mm	34	0.2337mm
6	4.877mm	35	0.2134mm
7	4.470mm	36	0.1930mm
8	4.064mm	37	0.1727mm
9	3.658mm	38	0.1524mm
10	3.251mm	39	0.1321mm
11	2.946mm	40	0.1219mm
12	2.642mm	41	0.1118mm
13	2.337mm	42	0.1016mm
14	2.032mm	43	0.0914mm
15	1.829mm	44	0.0813mm
16	1.626mm	45	0.0711mm
17	1.422mm	46	0.0610mm
18	1.219mm	47	0.0508mm
19	1.016mm	48	0.0406mm
20	0.914mm	49	0.0305mm
21	0.813mm	50	0.0254mm
22	0.711mm		

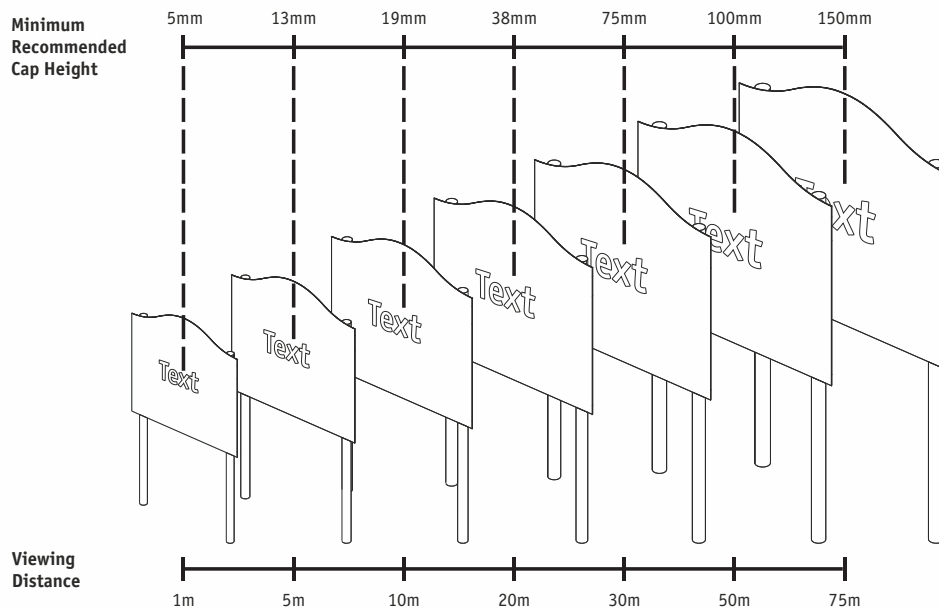
Feet to Millimetres Table

Feet	Millimetres	Feet	Millimetres
1	304.80mm	11	3352.8mm
2	609.60mm	12	3657.6mm
3	914.40mm	13	3962.4mm
4	1219.2mm	14	4267.2mm
5	1524.0mm	15	4572.0mm
6	1828.8mm	16	4876.8mm
7	2133.6mm	17	5181.6mm
8	2438.4mm	18	5486.4mm
9	2743.2mm	19	5791.2mm
10	3048.0mm	20	6096.0mm

Inches to Millimetres Table

Inches	Millimetres	Inches	Millimetres
1	25.400mm	15	381.00mm
2	50.800mm	16	406.40mm
3	76.200mm	17	431.80mm
4	101.60mm	18	457.20mm
5	127.00mm	19	482.60mm
6	152.40mm	20	508.00mm
7	177.80mm	21	533.40mm
8	203.20mm	22	558.80mm
9	228.60mm	23	584.20mm
10	254.00mm	24	609.60mm
11	279.40mm	25	635.00mm
12	304.80mm	26	660.40mm
13	330.20mm	27	685.80mm
14	355.60mm	28	711.20mm

Viewing Distances



This should be used as a guide as this can vary with text styles, colours and contrasts.

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