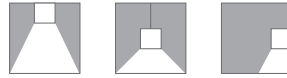
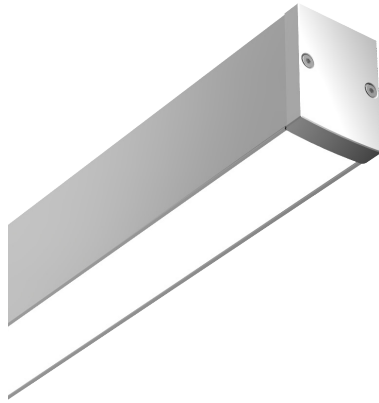
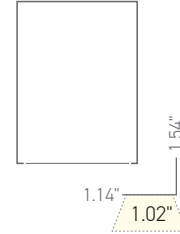


EKKO AKWASEAL 026 BEAM

SPEC SHEET



Project Name:
Specifier:
Location:
Product Code:



DIRECT	AKWA Resin Encapsulation			
LED lumens/m (L/f)	500 (152)	1000 (300)	1500 (455)	2250 (682)
Delivered Lumens/m (L/f)	265 (80)	530 (160)	795 (241)	1193 (362)
Standard CRI	>80			
System W/m (W/f)				
2700K	4 (1.2)	8 (2.4)	13 (3.9)	21.7 (6.6)
3000K	4 (1.2)	7.9 (2.4)	12.5 (3.8)	21.7 (6.6)
3500K	4 (1.2)	7.6 (2.3)	12 (3.6)	20 (6.1)
4000K	4 (1.2)	7.7 (2.3)	12 (3.6)	19.6 (5.9)
Other LED Options	RGBW (adds 15w/m to above wattage chart) · tunable white			
Control (Remote) ⁴	non dim · DALI · 0-10V · DMX (RGBW only) ³			
Optics	AKWA- symmetrical			
Finish	white/black/silver powder coat standard · custom powder coat · clear anodized			
Weight/Pack Size	1.2kg/m - 70 x 70 x (l + 200mm)			
Mounting	wire suspended · rod suspended · surface mount bracket · wall mount bracket			
Accessories				
Luminaire Length	any length over 500mm in 1mm increments with fully illuminated diffuser; maximum fixture length of 9'.			

1. Lumens/m based on 4000K LED strip.

2. Due to tolerances of the production process and the electrical components, values for light output, colour temperature and electrical power can vary up to 10%

3. DMX (to be located in suitable IP enclosure/location by others)

EKKAKW026BMD-LEDOptek-20201124-011

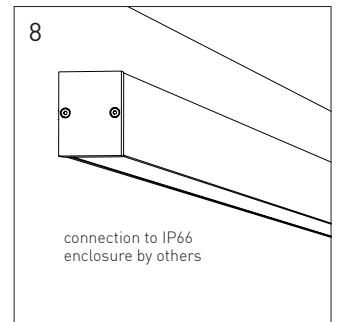
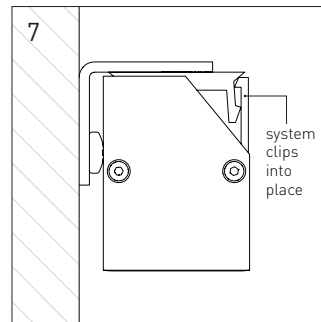
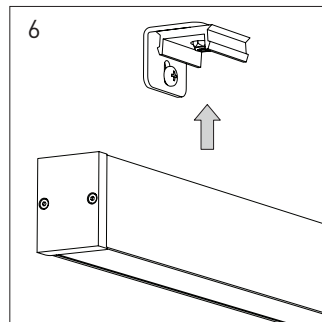
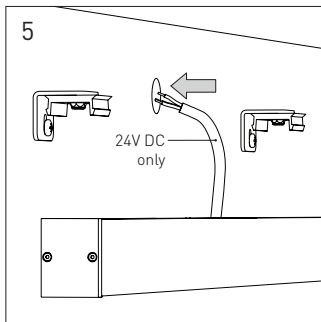
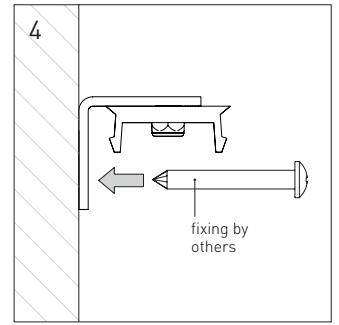
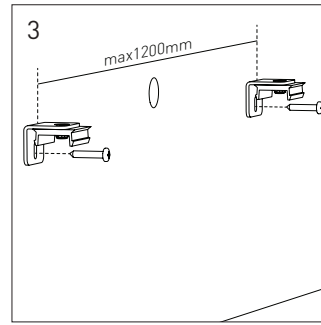
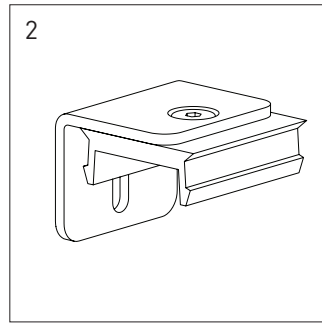
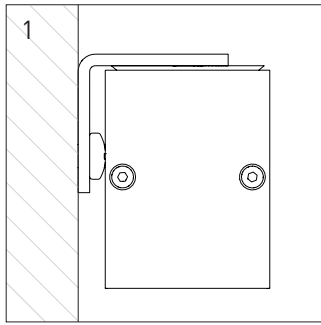
Product Codes

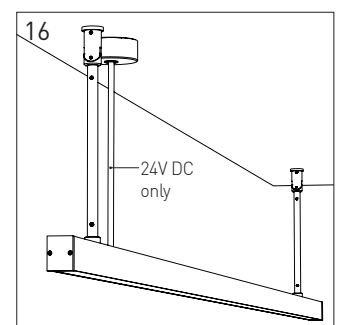
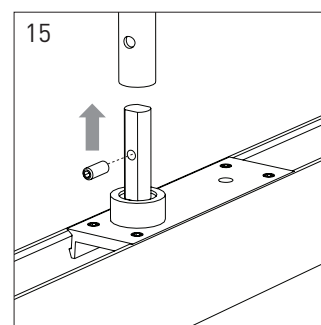
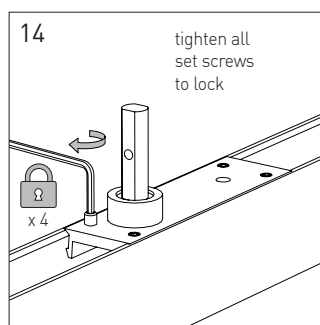
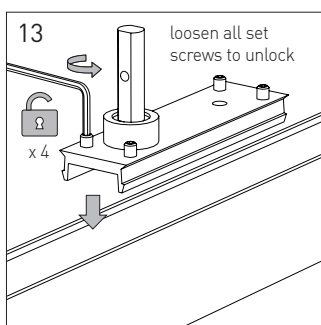
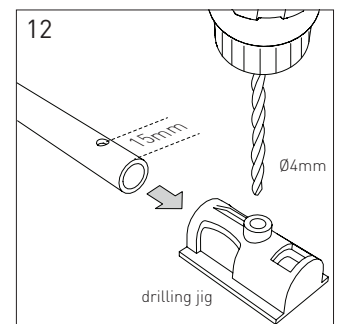
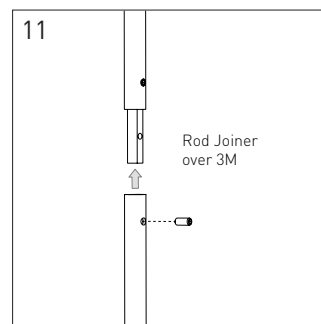
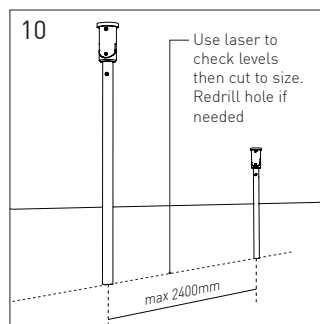
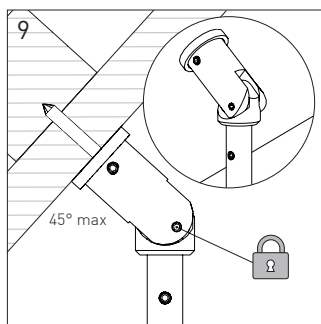
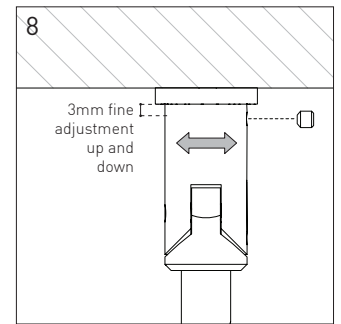
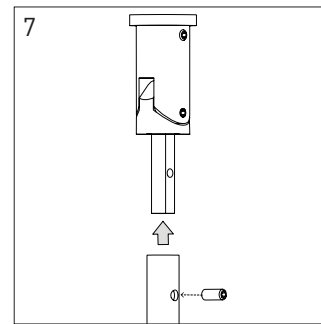
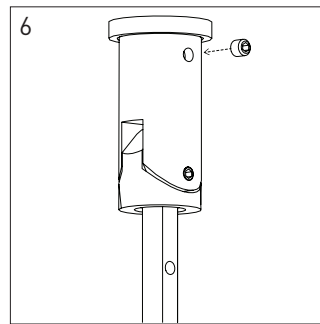
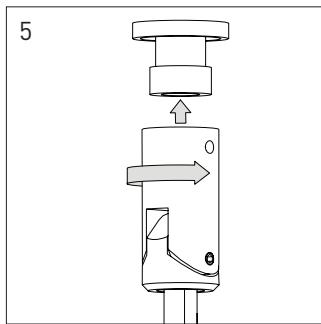
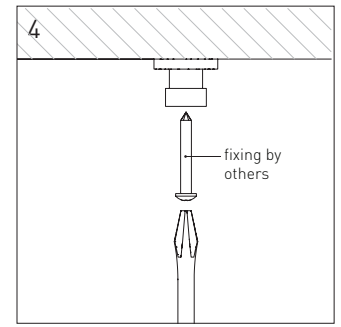
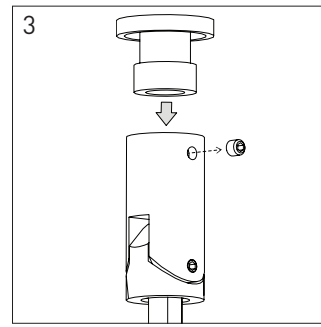
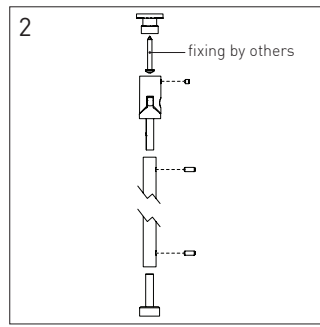
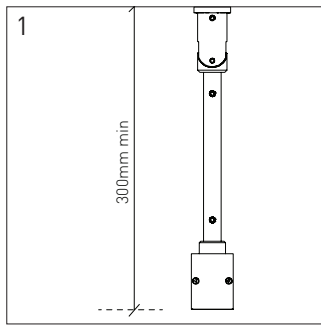
Follow the steps to specify your fixture. Enter Product Code in field at top of page. Example: **AKSL026BMD_27K500ANDNON**

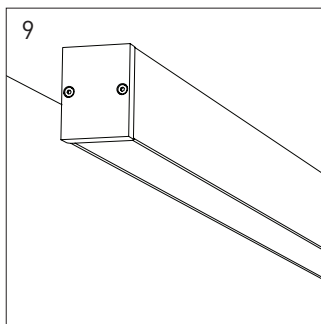
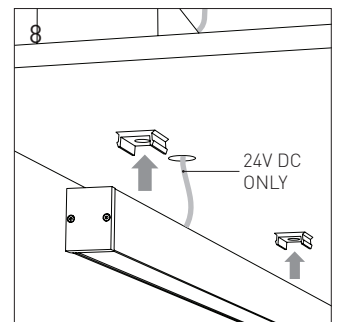
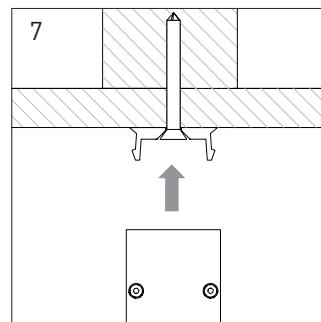
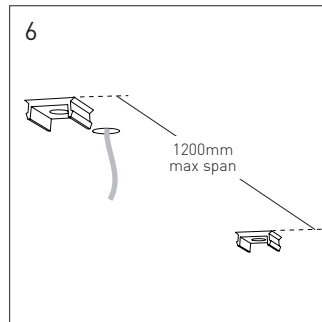
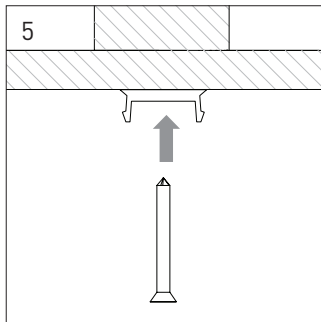
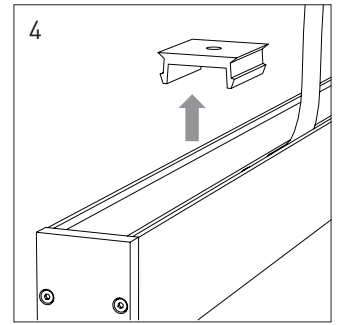
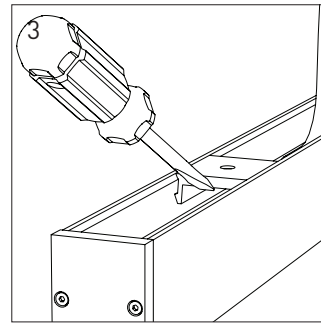
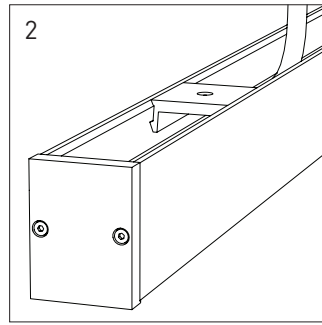
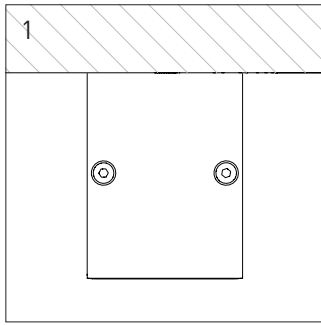
Fixture Type	Aperture Size		Form	Mounting		Nominal Length (in mm)	Color		Output (lm/m)		Finish		Control		Bends				
AKSL	026	26mm	BMD	Beam Direct	SUR	Surface		27K	2700K	500	ANO	Clear Anodized	NON	Non-Dim	BND	If miters req'd, provide drawing			
					CAB	Cable Susp		30K	3000K		1000	PCB					Powdercoat Black	0-10	0-10V Dim
					ROD	Suspension Rod		35K	3500K		1500	PCS					Powdercoat Silver		
					WALL	Wall-mount		40K	4000K		PCW	Powdercoat White							
					CUS	Custom (consult factory)		CUS	Custom (consult factory)		PCW	Powdercoat White							

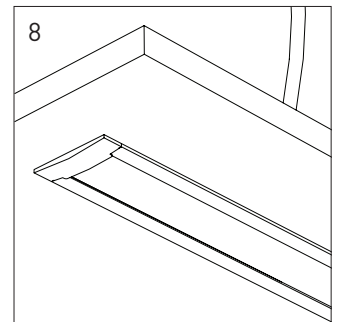
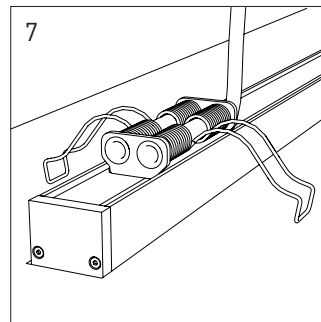
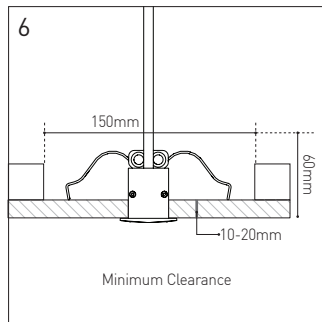
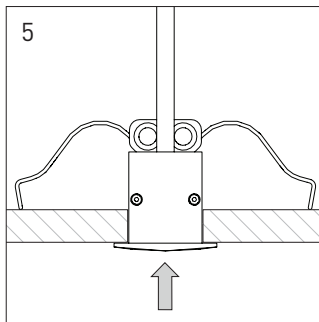
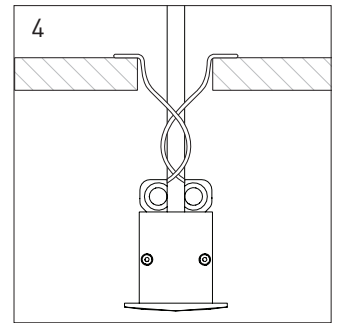
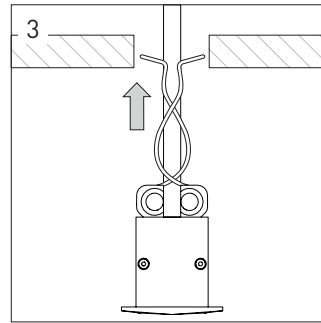
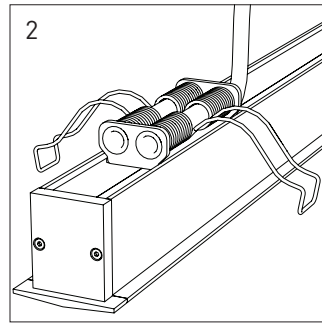
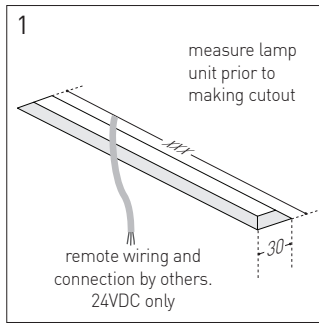
1. Specify cable termination at mounting point

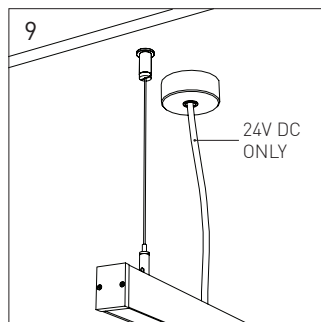
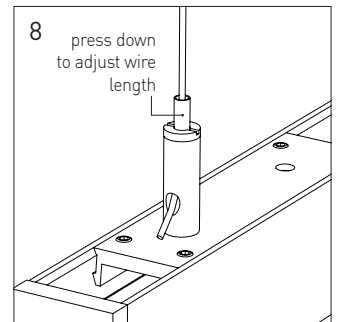
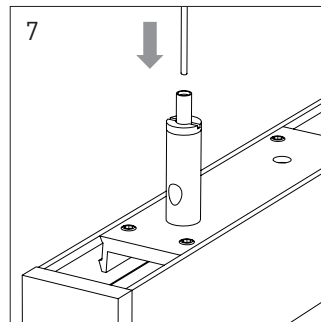
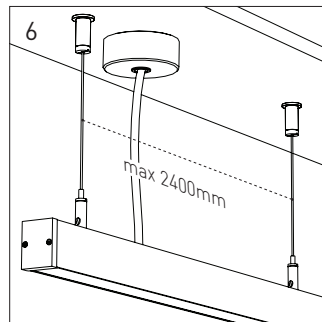
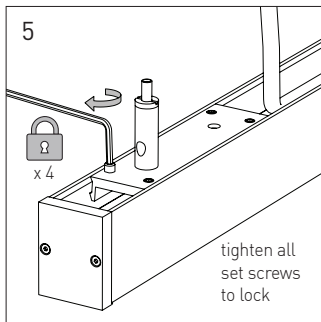
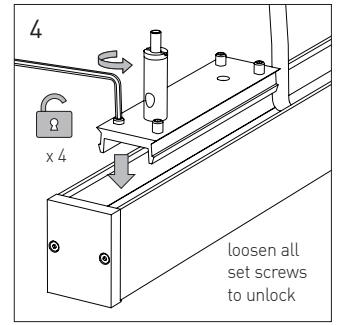
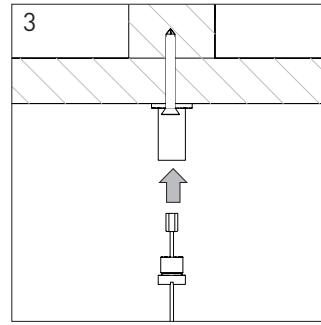
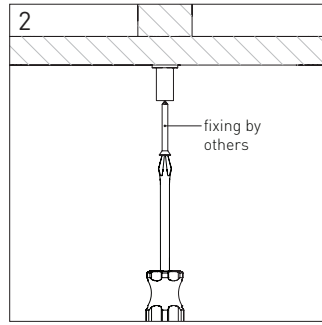
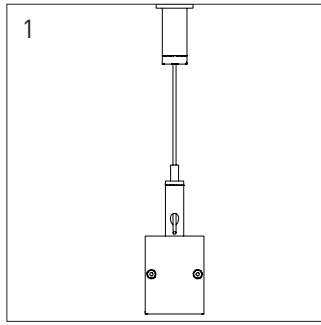
2. Specify mounting length











INSTRUCTION SHEET: DMX CONNECTION

All KLIK DMX controlled linear products are supplied with Cat5/6 cables supporting DMX transmission. Each fitting is supplied with a labelled DMX IN and DMX OUT (if required) RJ45 Socketed cable.

The pinouts are wired as per Table 4 Section 7.3 of E1.11 – 2008, USITT DMX 512-A. (TABLE 1)

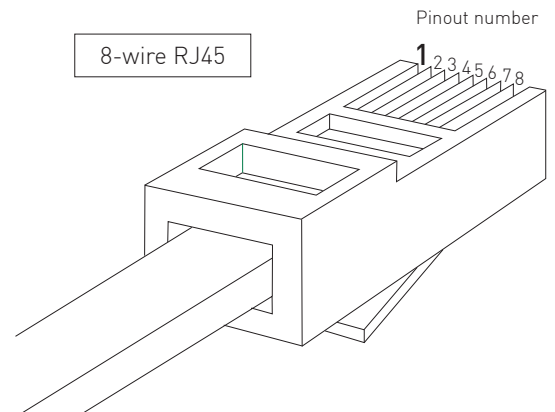


TABLE 1

(Wire) #	DMX512 Function	T568B Wire Colour	T568A Wire Colour
1	Data 1 +	White/ Orange	White/ Green
2	Data 1 -	Orange	Green Pin
3	Data 2 + (Not utilised)	White/ Green	White/ Orange
4	Data 2 - (Not utilised)	Blue	Blue
5	Not assigned	White/ Blue	White/ Blue
6	Not assigned	Green	Orange
7	Data Link Common	White/ Brown	White/ Brown
8	Data Link Common	Brown	Brown
	Drain		

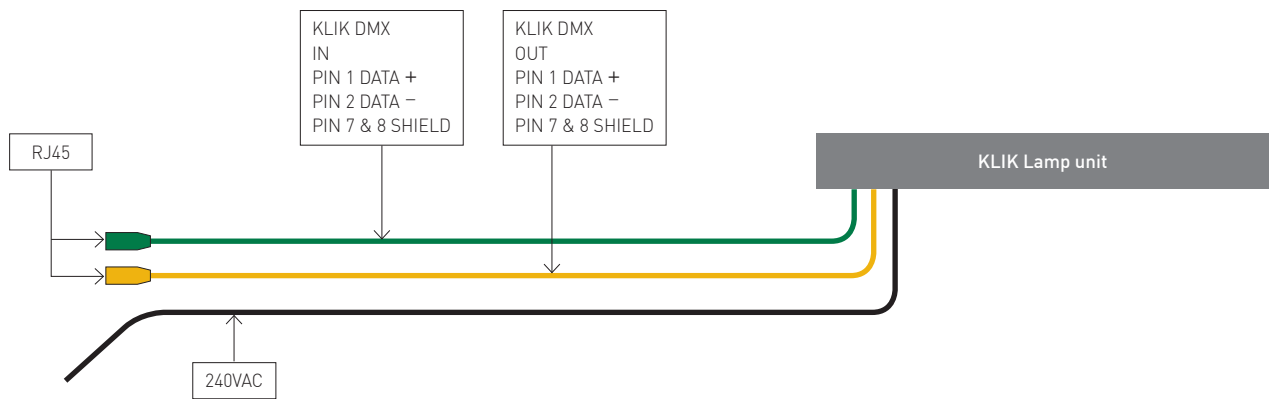
Klik fittings are configured internally or in a remote box as follows:

- All DMX controllers are supplied with optically isolated receivers.
- Multiple DMX controllers (Nodes) are wired internally as a daisy chain. Each node has a 1 in, 2 out splitter. KLIK DMX nodes do not need to be terminated with a 120Ω resistor.
- These Nodes may be wired internally with CAT 5 cable or a 3 core cable. Internal DMX wiring of KLIK fittings are propriety and may not conform to Table 4 Section 7.3 of E1.11 – 2008, USITT DMX 512-A. Any alteration to internal DMX wiring is not covered by KLIK warranty. It is suggested that if any modifications are to be made that a KLIK technician be contacted first.
- Unless otherwise specified all Nodes are factory set to DMX start channel 1. To alter the start address of a Node, physical access to the Node is required. The Node also requires a supply voltage to re-address the DMX controller. DMX-RDM is not supported in standard KLIK fittings.
- If multiple addresses are KLIK factory set, then these addresses will be labelled on the Node and on the fitting. Note: It is not necessary to daisy chain addressed fixtures in numerical order.
- KLIK DMX Nodes are designed to be daisy chained across multiple KLIK fittings without the need for external DMX Splitters.
- KLIK DMX fittings should never be wired in a star topology. Fittings shall be daisy chained connecting DMX OUT labelled cables to the next DMX IN labelled cable. If a star type topology is required then a DMX Splitter shall be used.
- Any external DMX wiring (CAT5/6) installed by the contractor shall be segregated and cross other power lines at a 90° angle.
- On KLIK suspended products the length of the Cat5/6 cables (IN/OUT) will be the same as the power feeds and will be grey.
- No other data or power is to be connected to the DMX IN or DMX OUT connections.



INSTRUCTION SHEET: DMX CONNECTION

KLIK DMX internal wiring diagram



KLIK DMX remote wiring diagram

