2840 N Brookfield Rd, Suite 3
Brookfield, WI 53045

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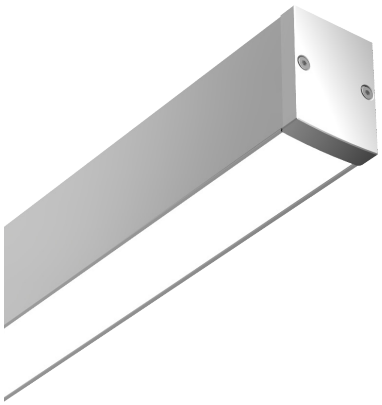
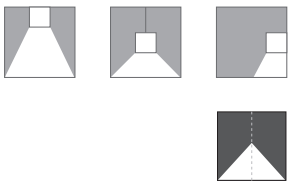
www.klikusa.com
sales@klikusa.com

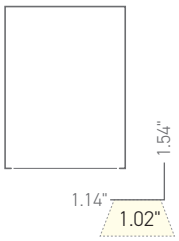
EKKO AKWAFIL 026 BEAM

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)			
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	mitred bends · T-joins			
Luminaire Length	any length over 500mm in 1mm increments with fully illuminated diffuser; fixture length exceeding 9' requires seamless join.			

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: **AKFL026BMD_____27K500ANDNON**

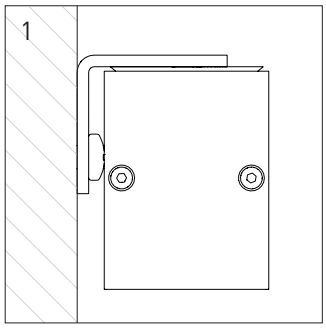
Fixture Type	Aperture Size	Form	Mounting	Nominal Length (in mm)	Color	Output (lm/m)	Finish	Control	Bends
AKFL	**026** 26mm	**BMD** Beam Direct	**SUR** Surface **CAB** Cable Susp **ROD** Suspension Rod **WALL** Wall-mount		**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **RGB** RGBW **CUS** Custom (consult factory)	**500** **1000** **1500** **2250**	**ANO** Clear Anodized **PCB** Powdercoat Black **PCS** Powdercoat Silver **PCW** Powdercoat White **CUS** Custom (consult factory)	**NON** Non-Dim **0-10** 0-10V Dim **DAL** DALI **DMX** RGB Only	**BND** If miters req'd, provide drawing

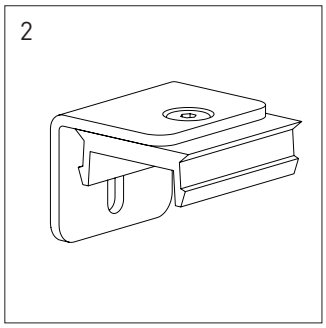
1. Specify cable termination at mounting point
2. Specify mounting length

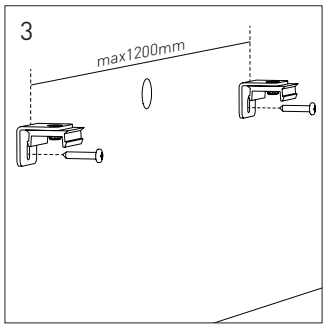
EKKO AKWA 026 BEAM

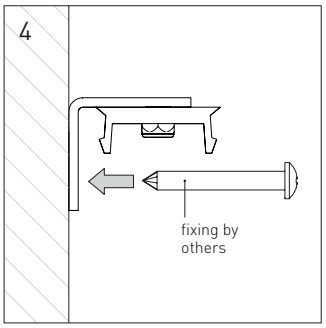
Mounting: Wall

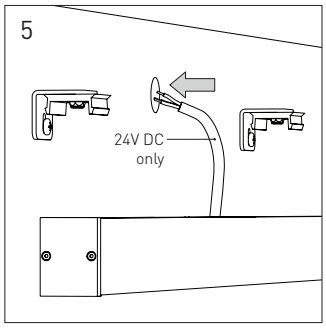
Dimensions
w 28 · h 38
Weight
1.5kg/m

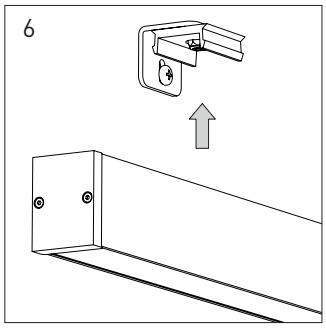


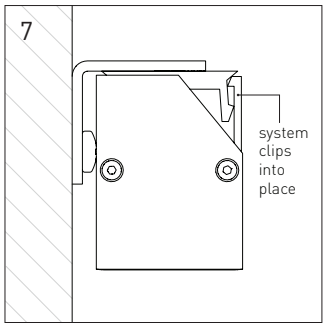


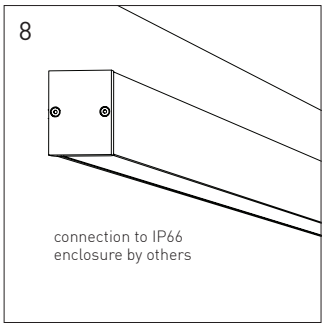










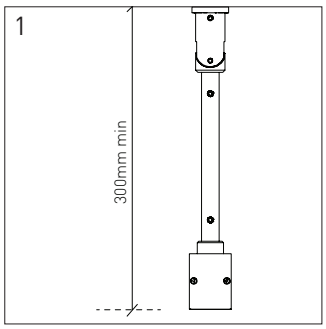


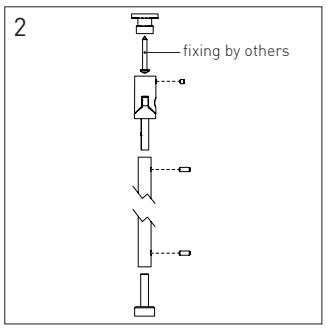
For commercial and industrial use only, the light source contained in this luminaire shall only be replaced by the manufacturer or the service agent or a similar qualified person.

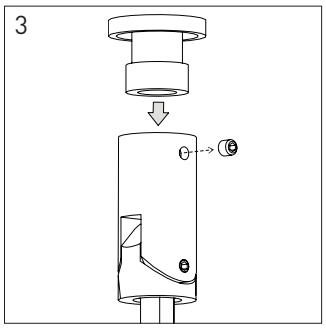
EKKO AKWA 026 BEAM

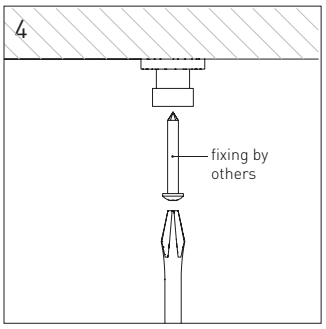
Mounting: Rod suspension

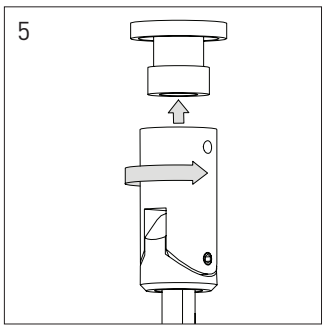
Dimensions
w 28 · h 38
Weight
1.2kg/m

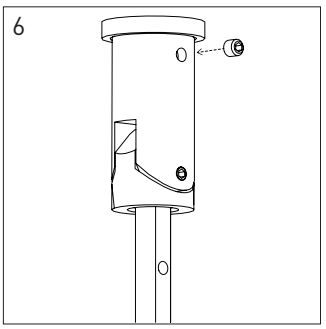


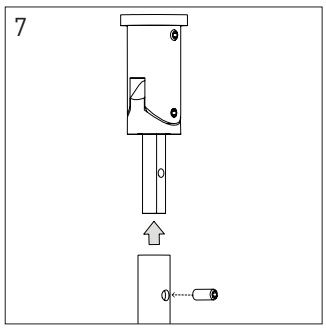


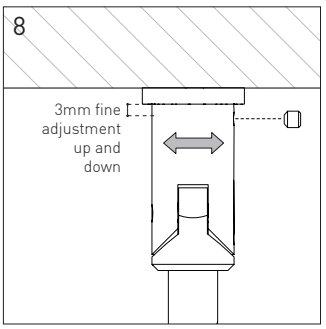


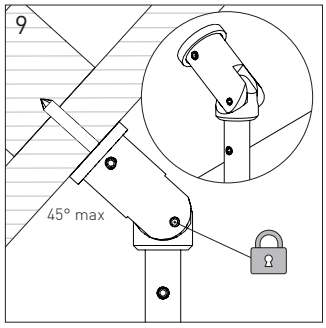


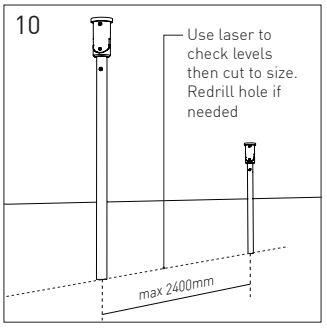


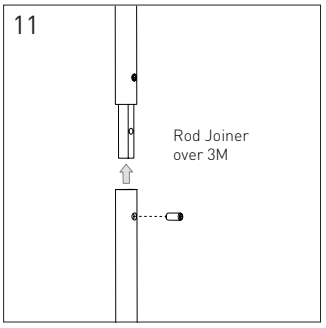


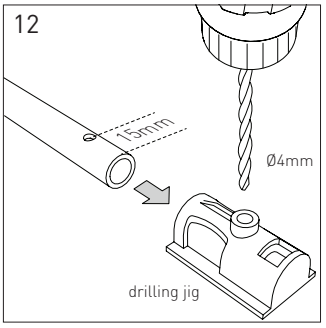


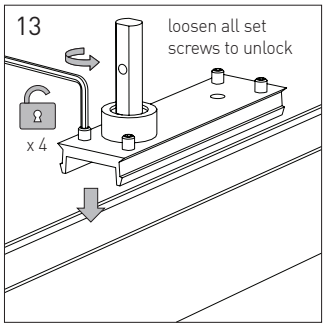


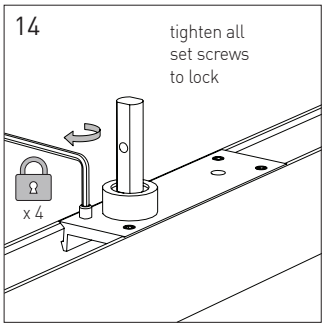


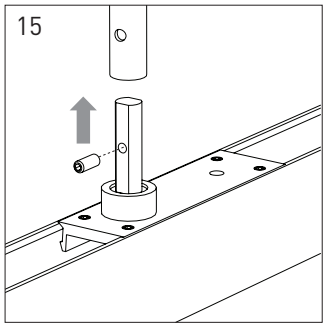


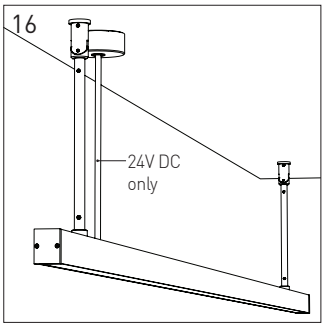










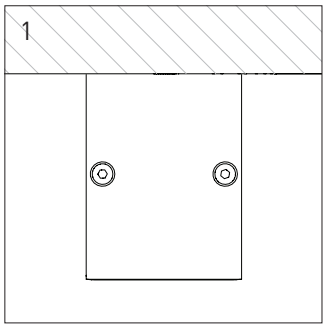


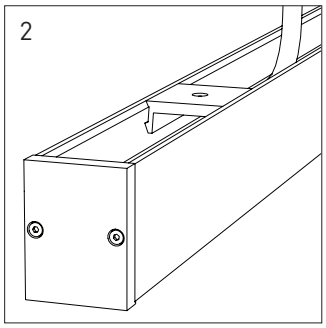
For commercial and industrial use only, the light source contained in this luminaire shall only be replaced by the manufacturer or the service agent or a similar qualified person.

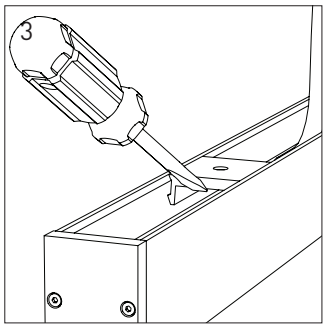
EKKO AKWA 026 BEAM

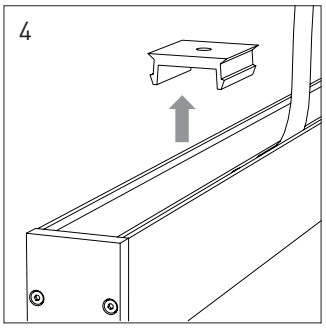
Mounting: Surface

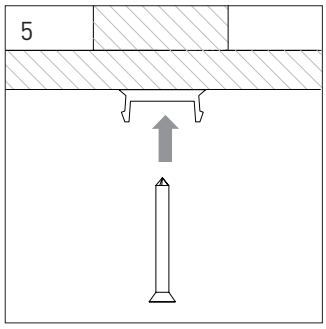
Dimensions
w 28 · h 38
Weight
1.2kg/m

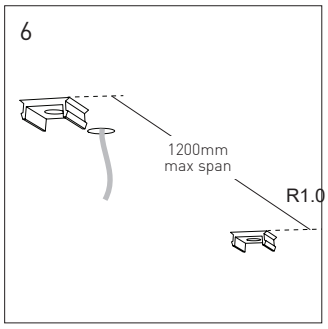




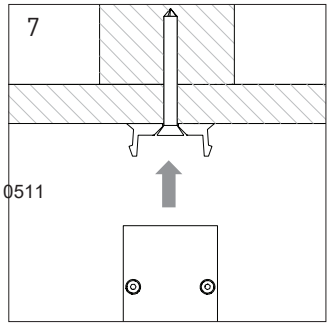


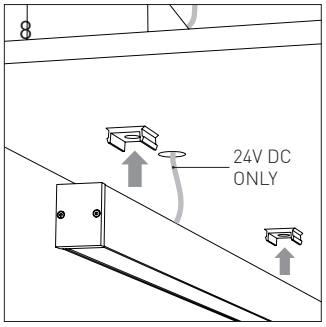


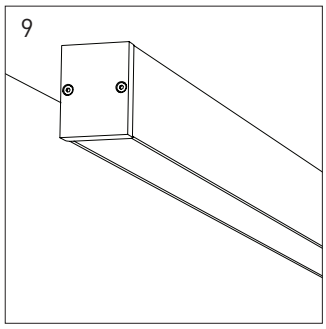




R1.0 20210511





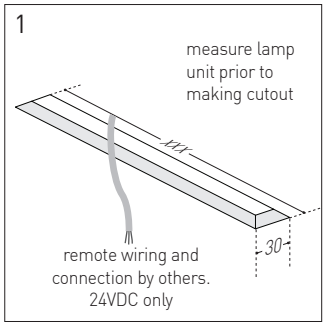


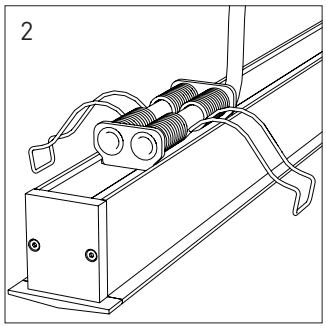
For commercial and industrial use only, the light source contained in this luminaire shall only be replaced by the manufacturer or the service agent or a similar qualified person.

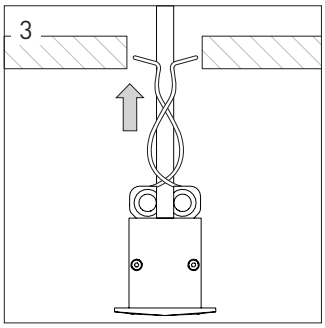
EKKO AKWA 026 BEAM

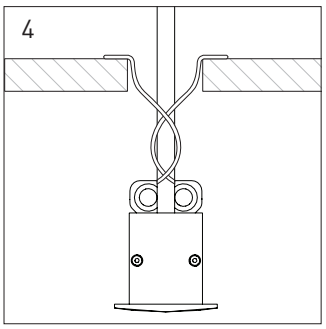
Mounting: Recessed Spring Bracket

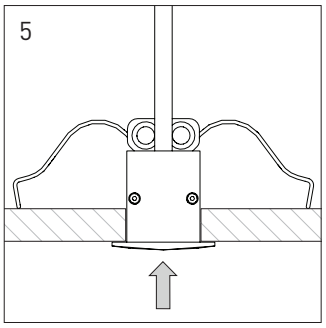
Dimensions
w 40 · h 38
Weight
1.3kg/m

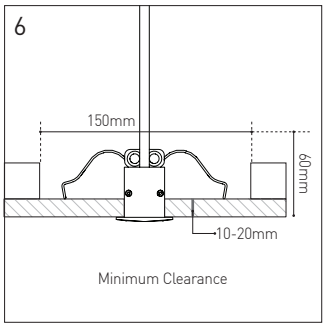


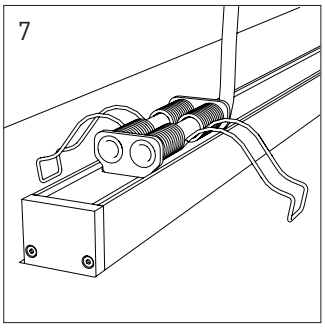


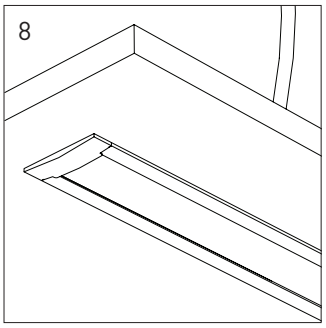












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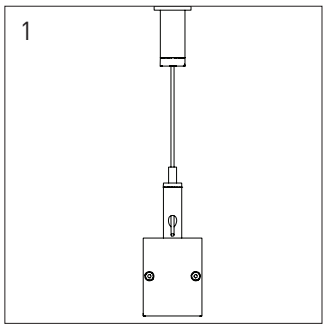
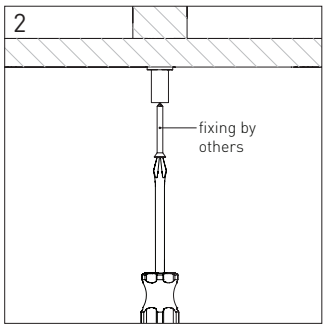
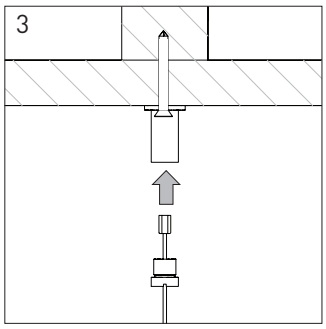
EKKO AKWA 026 BEAM

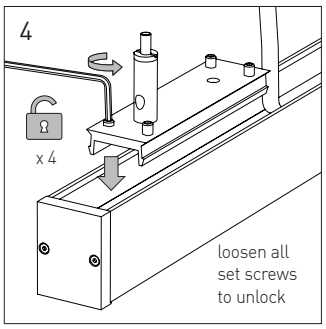
Mounting: Wire Mount

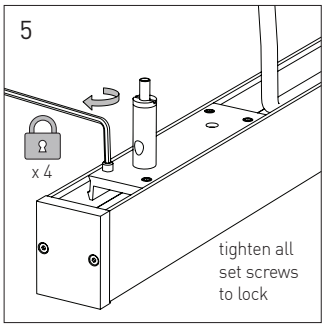
Dimensions
w 28 · h 38
Weight
1.2kg/m

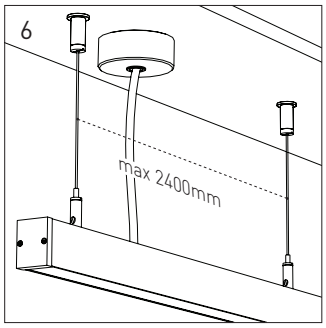


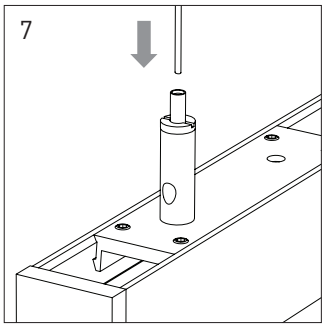


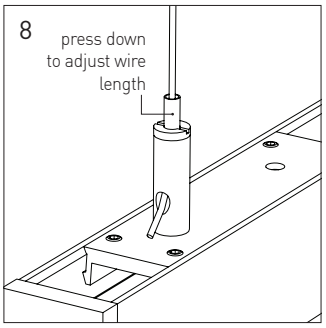


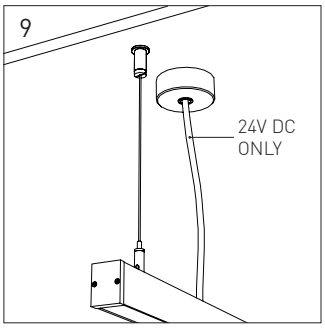












For commercial and industrial use only, the light source contained in this luminaire shall only be replaced by the manufacturer or the service agent or a similar qualified person.

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.

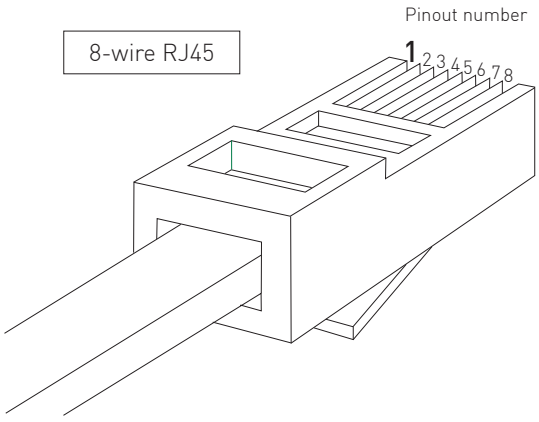
The pinouts are wired as per Table 4 Section 7.3 of E1.11 – 2008, USITT DMX 512-A. (TABLE 1)

TABLE 1

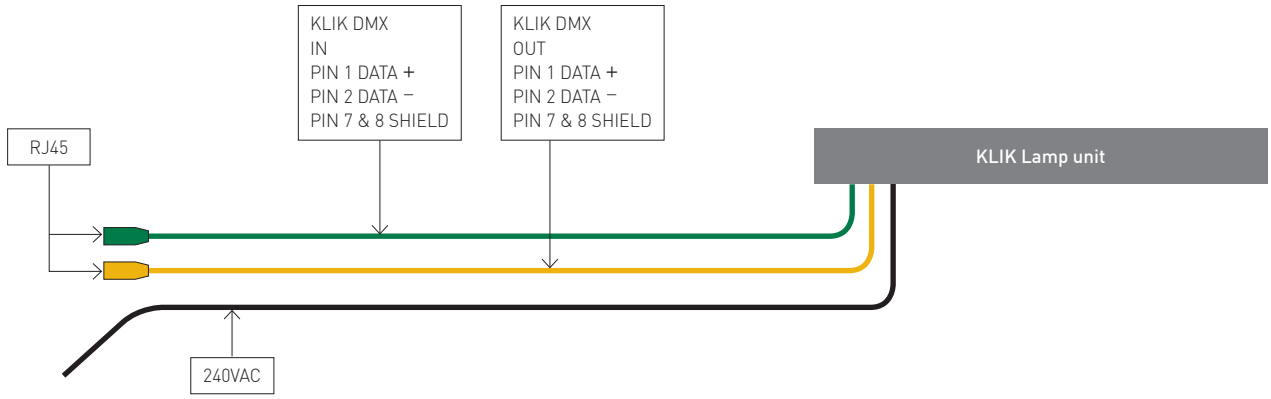
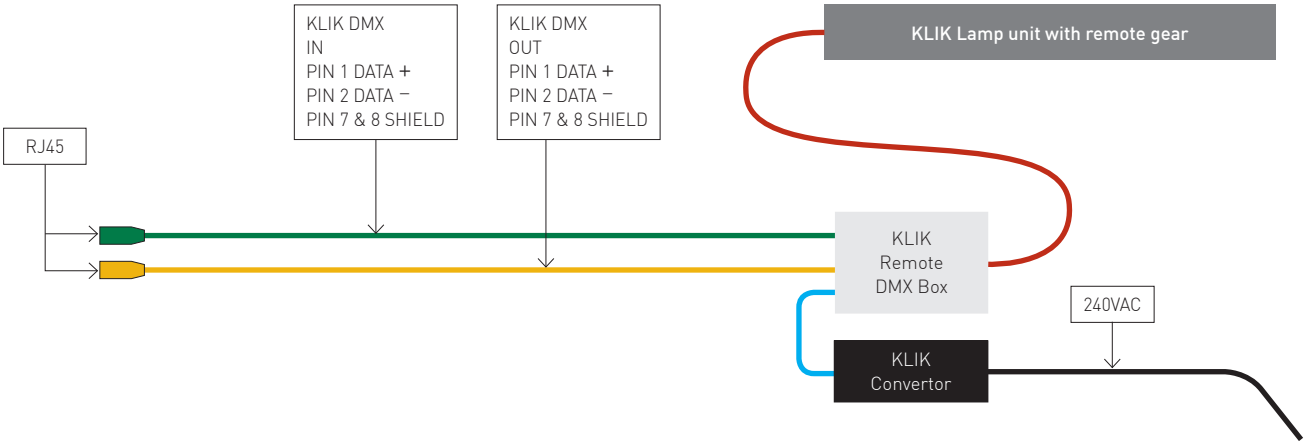
(Wire) #	DMX512 Function	T568B Wire Colour	T568A Wire Colour
1	Data 1 +	White/ Orange	White/ Green
2	Data 1 -	Orange	Green Pin
3	Data 2 + (Not utilised)	White/ Green	White/ Orange
4	Data 2 - (Not utilised)	Blue	Blue
5	Not assigned	White/ Blue	White/ Blue
6	Not assigned	Green	Orange
7	Data Link Common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



KLIK DMX internal wiring diagram



KLIK DMX remote wiring diagram