

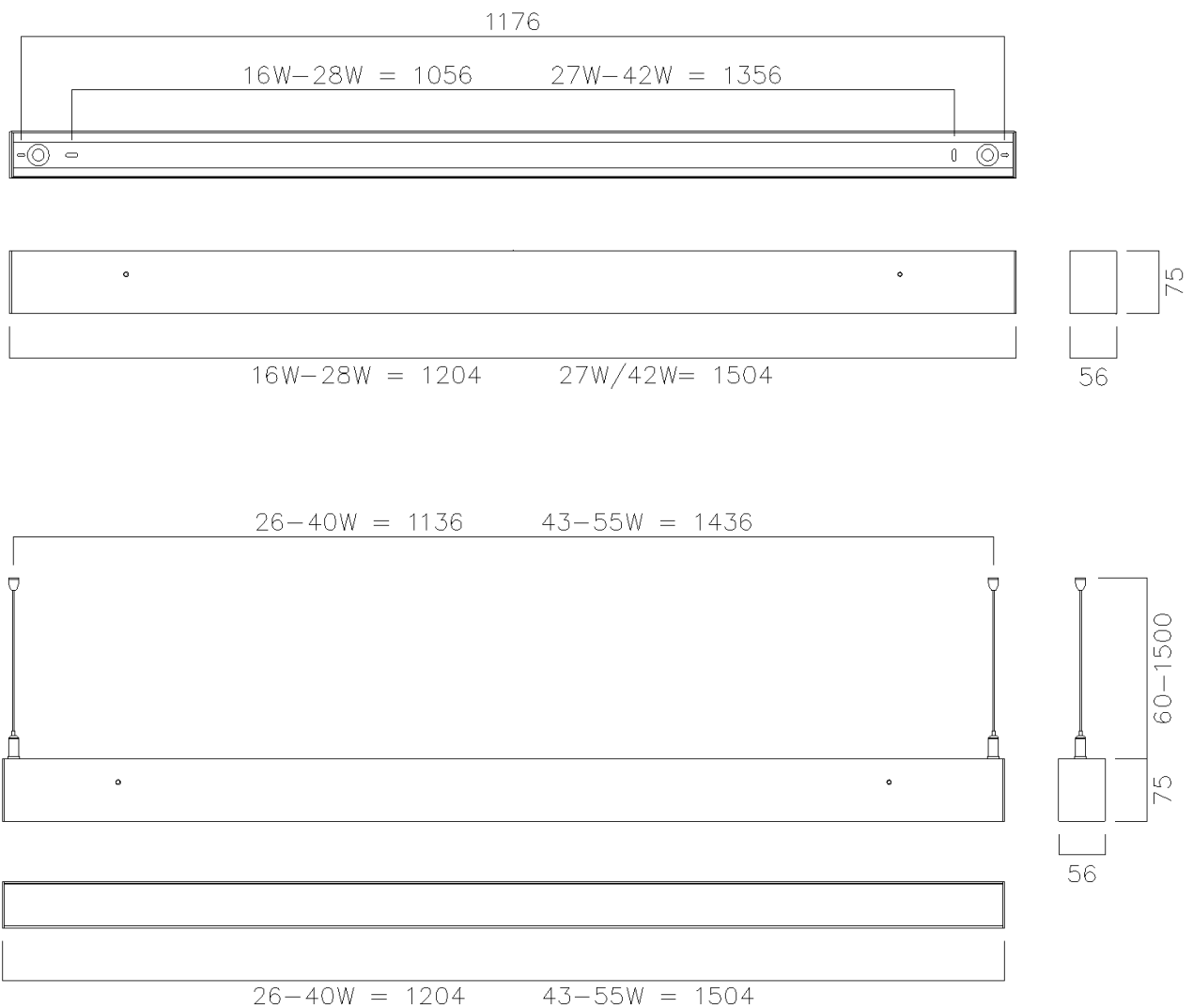
**DALLAS PRO LED SURFACE / SUSPENDED LUMINAIRE INSTRUCTIONS**  
 Issue 04 2<sup>nd</sup> December 2024

**THANK YOU** for buying this product. To help ensure it gives complete satisfaction please install it according to these instructions and then pass the instructions to the appropriate person for retention and future reference.

**SAFETY** This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance the electrical supply to the product must be isolated.

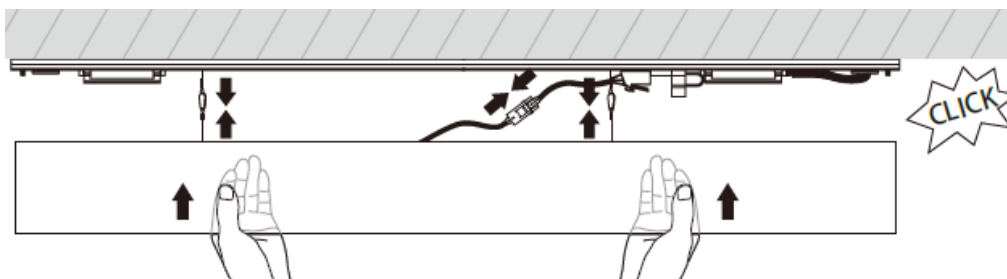


**INSTALLATION SUPPORT** If installation advice or accessories are required please contact us at the above address. We will do our best to help. When reporting a suspected fault or seeking installation support the problem is likely to be resolved most quickly if you have full product details to-hand as well as details of when and where it was purchased.



## INSTALLATION

### Surface Mounting:



1. Unclip the mounting plate from the main body by using a suitable screwdriver to push the recessed release buttons on the side of the luminaire as shown above.
2. Remove the mounting plate for ease of installation by unclipping from retaining straps and disconnecting 3way push fit mains connector.
3. The mounting plate is pierced to provide 2-off oblong fixing points along the centre line of the mounting plate dimensions shown.
4. Offer the mounting plate to the chosen mounting surface, passing the mains supply cable through the appropriate cable entry point.
5. Securely fix the mounting plate in position.
6. Route the mains supply cable to the terminal block & terminate ensuring correct polarity is observed.
7. Offer the main body to the mounting plate:
  - a. Reconnect the snap hooks of the retaining straps.
  - b. Reconnect the 3 way push fit mains connector.
  - c. Securely clip the main body into position

### WARNING: THIS LUMINAIRE MUST BE EARTHED

8. Reconnect power supply & check for correct operation. Note! Luminaires fitted with electronic drivers are exempt from insulation resistance tests as this may cause damage to the driver.

### Wire Suspension:

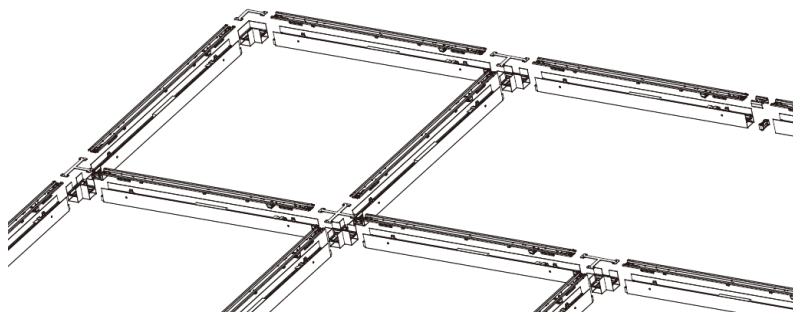
1. This will require the wire suspension kit, which is supplied as standard with bi-directional versions - **Suffix... /BD/..** and optional extra on the downlight versions- **Suffix.../DO/...**, so must be ordered separately (Order code: NDL/WSK).
2. Separate instructions are supplied with the kit to detail the installation of the wire suspension.

### Multi-connection (linked) Installations: See instructions below

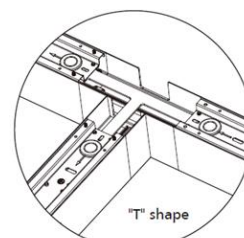
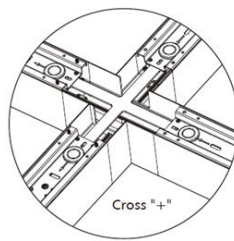
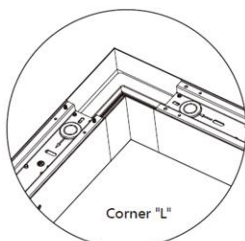
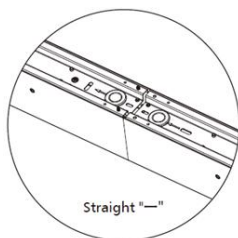
## MAINTENANCE

1. Cleaning should be carried out at regular intervals so as not impair photometric performance or thermal safety of the luminaire.

### Multi-Connection (Linked) Installations:



### Joining Connectors & Couplers(\*) as shown below:

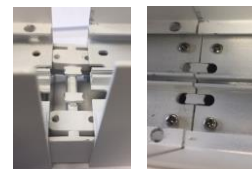


### NVC Codes :

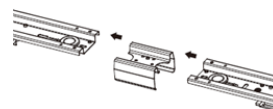
NDL/STRAIGHT/BK	NDL/L/BK	NDL/X/BK	NDL/T/BK
NDL/STRAIGHT/WH	NDL/L/WH	NDL/X/WH	NDL/T/WH

**Mounting Plate Couplers come as part of the above kits**

1. The Dallas Pro Luminaire is designed to be linked using the various kit accessories as shown above (to be ordered separately).
2. All of the above kits come with required number straight joining brackets, couplers and screws.
3. Joining bracket installation is shown below in Fig 1. and is applicable to all variants:
  - Align the joining brackets with the apertures in the luminaires,
  - i. Push into place so the screw holes are clearly visible
  - Secure the joining bracket in place by use of the 4 off M3x8 pozi-pan head thread forming screws supplied.
  - Repeat the above steps as required to suit the type of linked solution.
4. The Straight coupler installation is as shown in Fig 2. and applicable where straight linked runs are required
  - Align the coupler to the mounting plate holes
  - Secure in place by using the 4 off M3x6 pozi-pan head screws
  - Couplers come with Suspension kit fixing points
  - Repeat the above steps as required.
5. The Installation of the L (Fig 3.), T (Fig 4.) & X (Fig 5.) couplers are as shown
  - Align the coupler to the mounting plate holes
  - Secure in place using the 2 off M3x6 pozi-pan head screws at each luminaire junction point
  - Couplers come with Suspension kit fixing points
  - Repeat the above steps as required.
6. Blank Spacers (supplied complete with straight coupling kits on both ends) available in 4Ft and 5Ft. See Fig 6.
  - Follow the installation instructions for the joining bracket & straight coupler as in steps 3 & 4. above.



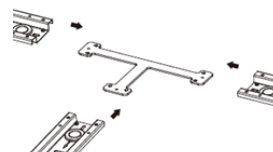
**Fig 1.**



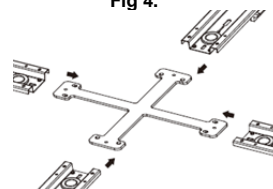
**Fig 2.**



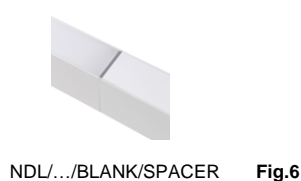
**Fig 3.**



**Fig 4.**



**Fig 5.**



7. For supply wiring use 1.5mm<sup>2</sup> cable with the loop in loop out feature on the mains terminal block to internally link the luminaires.

**Wattage Range Chart**

Product	Wattage	Lumen Output	Lm/cW
<b>NDL 4ft 16-28W Down-Only</b>	16	2435	151
	20	3006	151
	24	3605	152
	27	4132	151
<b>NDL 5ft 27-42W Down-Only</b>	27	4030	148
	34	4975	149
	35	5219	148
	42	6072	146
<b>NDL 4ft 26-40W Bi-Directional</b>	26	3828	146
	32	4643	144
	34	4874	143
	40	5673	140
<b>NDL 5ft 43-55W Bi-Directional</b>	43	5976	138
	47	6571	139
	51	7017	137
	55	7444	135