

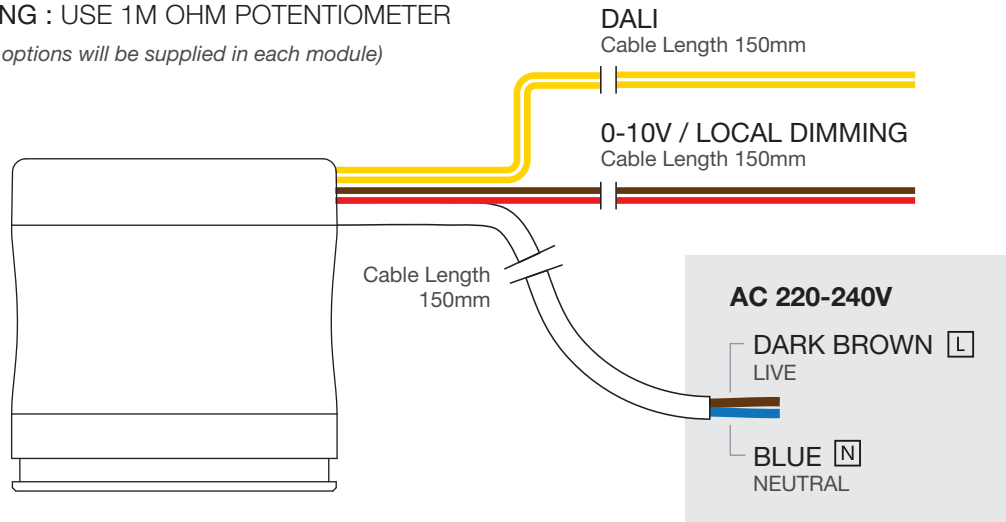
**NEST LED MODULE**

DALI : DA+ DA-, NO POLARITY

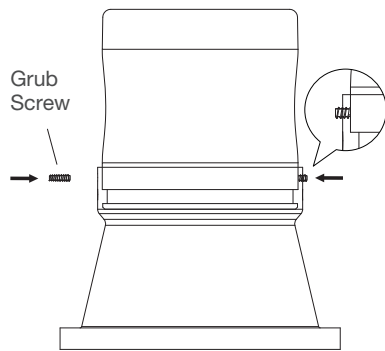
0-10V : RED FOR "+", BROWN FOR "-"

LOCAL DIMMING : USE 1M OHM POTENTIOMETER

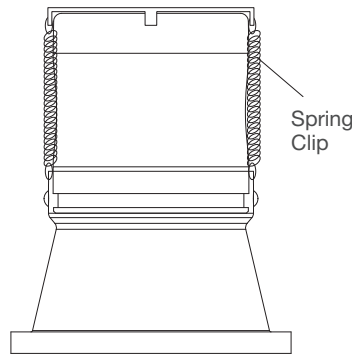
*(only one of above options will be supplied in each module)*



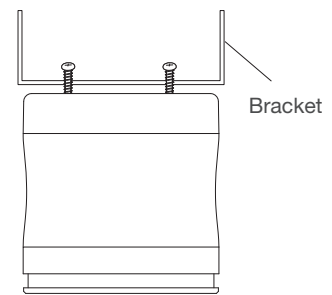
**Mounting Options for ELR Nest LED Module Series**



**Method 1**  
Grub screw to tighten between module & fixture.

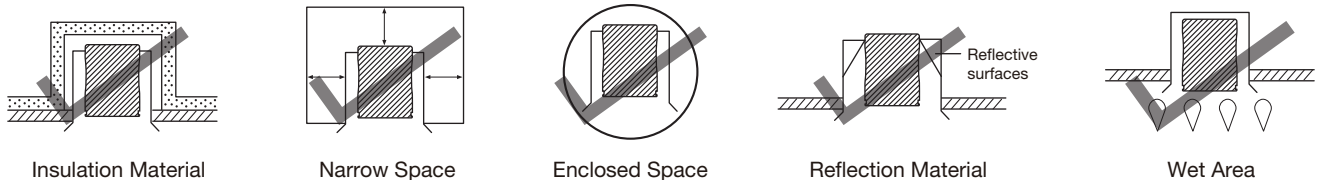


**Method 2**  
Attach module & fixture with spring clip.



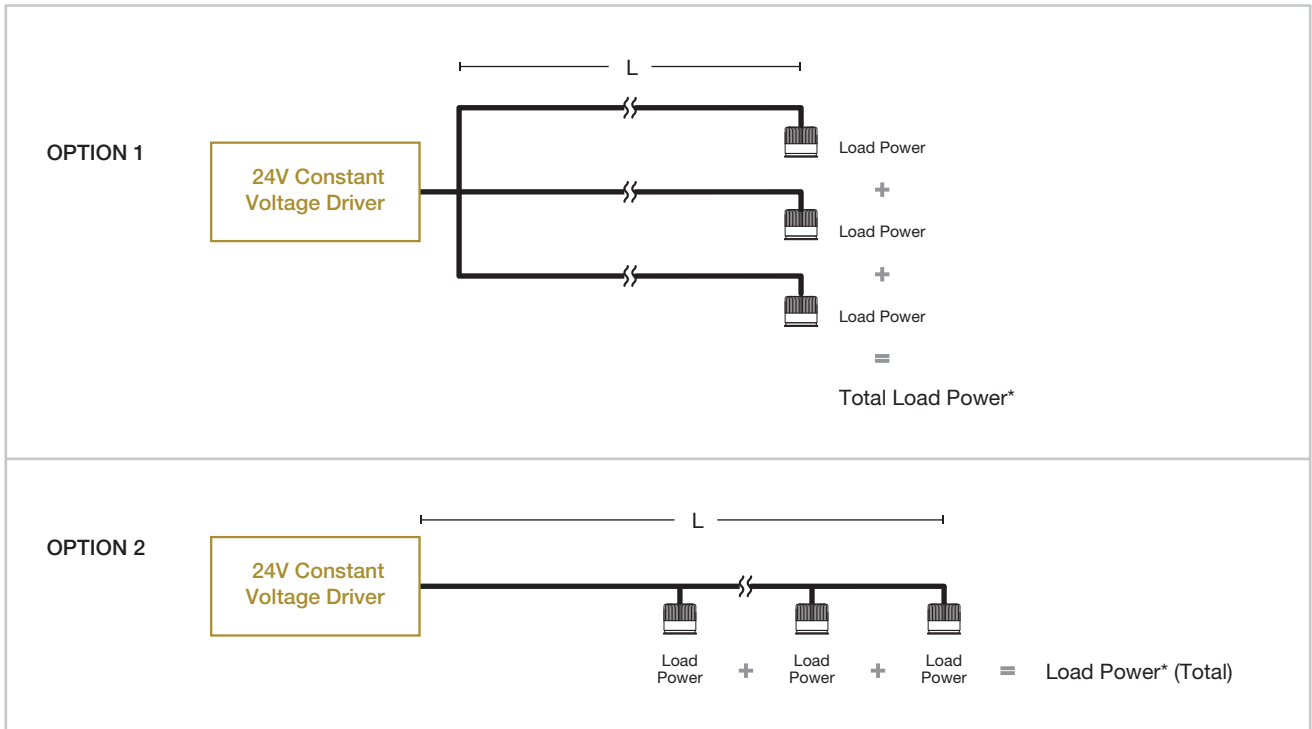
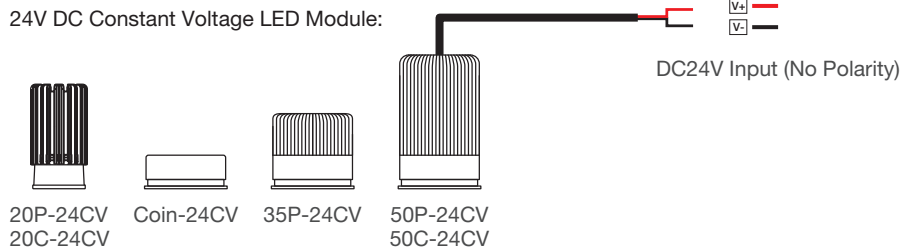
**Method 3**  
Screw on bracket to module.

**LED Module Installation Conditions**



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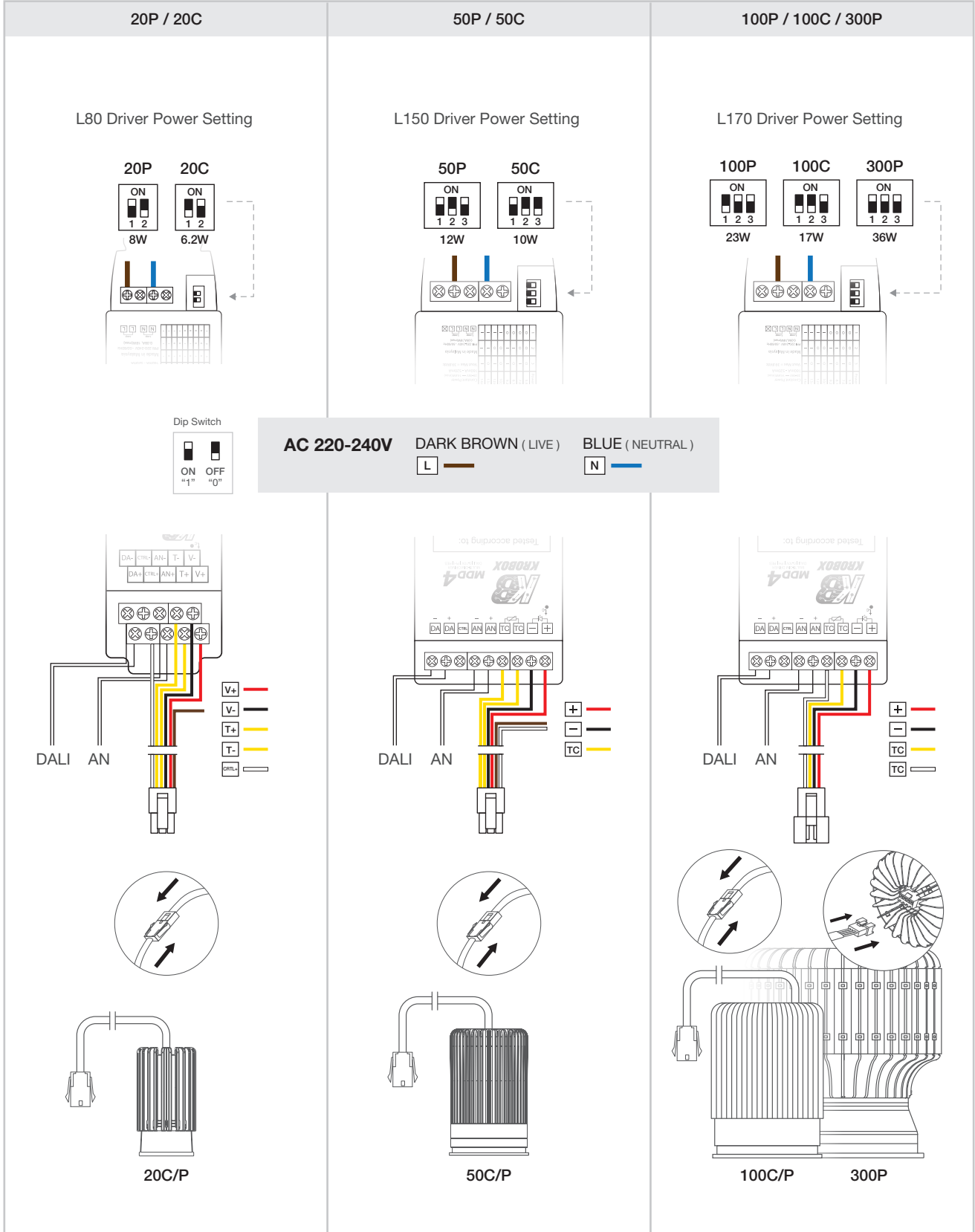
**CLASSIC / PRO LED MODULE ( Single CCT - Constant Voltage - 24CV )**



\*The Total Load Power must not exceed 80% of the 24V Constant Voltage Driver's output capacity.

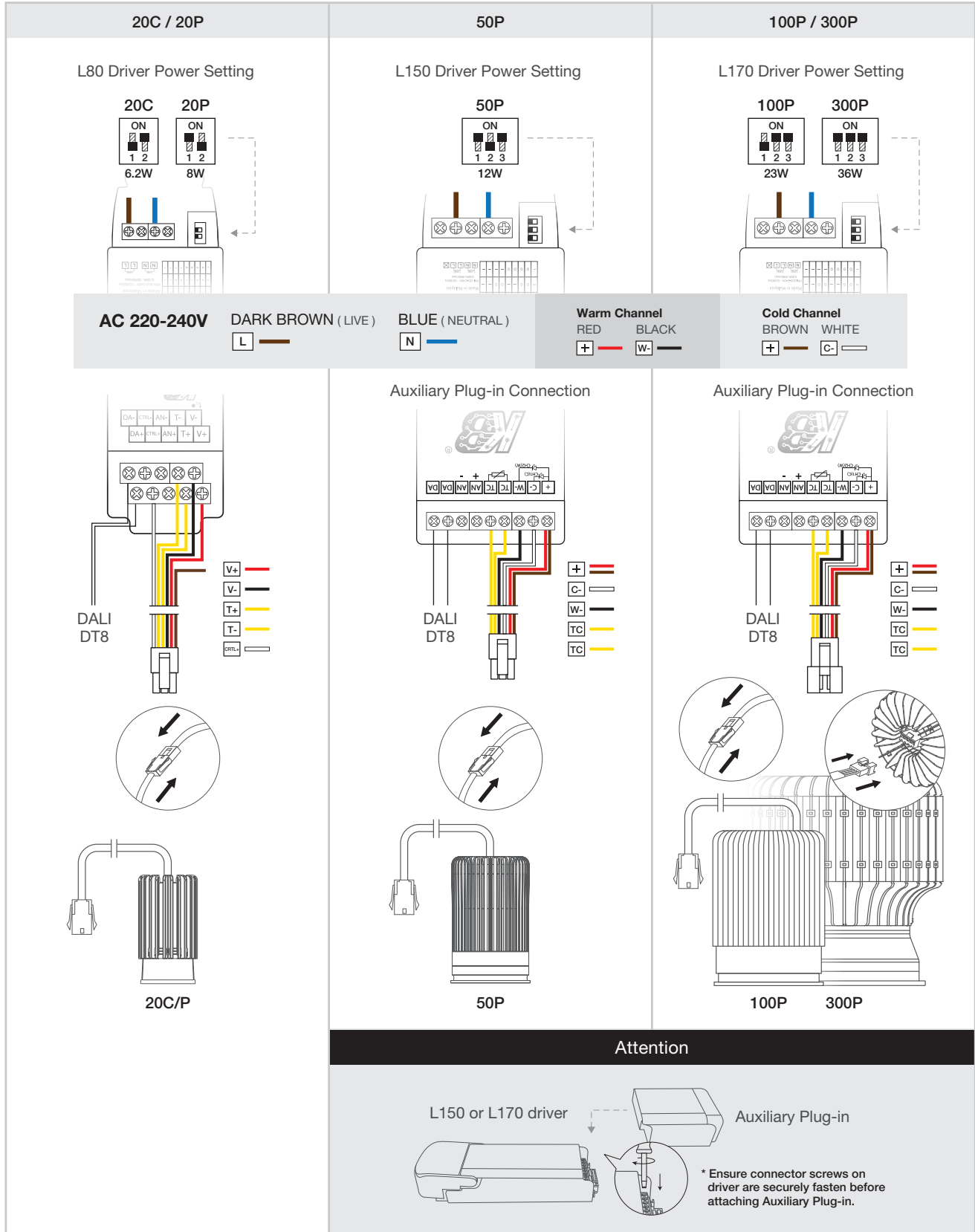
Load Power (W)	L- Recommended Max. Cable Length From Driver to 24CV LED Module (m)					
	Cable Size					
	AWG 24	AWG 22	AWG 20	AWG 18	AWG 16	AWG 14
300	-	1	1.5	2.5	3.5	5.5
200	1	1.4	2.2	3.5	5.5	8.5
150	1.1	1.8	3	4.5	7.5	12
100	1.7	2.7	4.4	7	11	17
50	3.5	5.5	8.8	14	22	34
20	8.5	14	22	35	55	86
10	17	27	43	70	110	170

## CLASSIC / PRO LED MODULE ( Single CCT / WARM DIM )

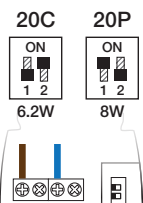
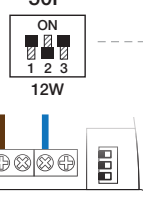
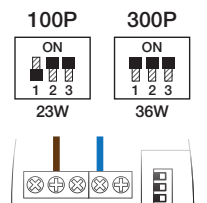
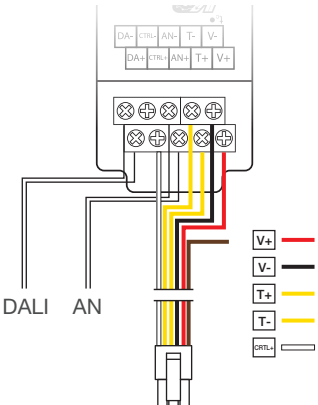
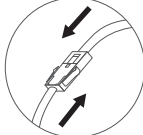
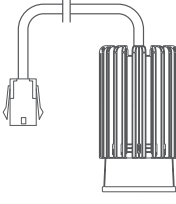
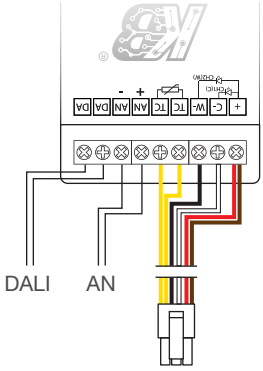
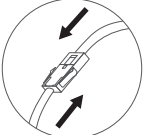
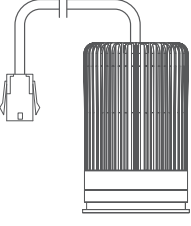
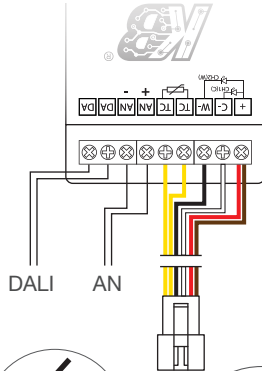
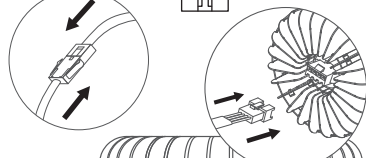
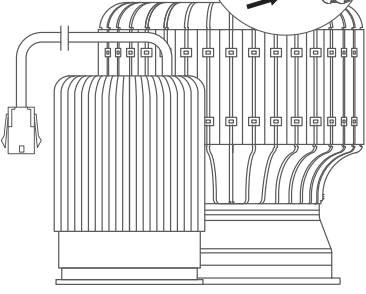
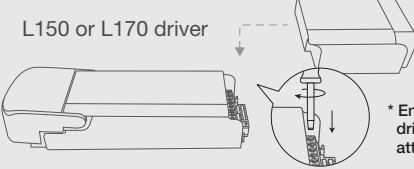


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## CLASSIC / PRO LED MODULE ( tuneWHITE )



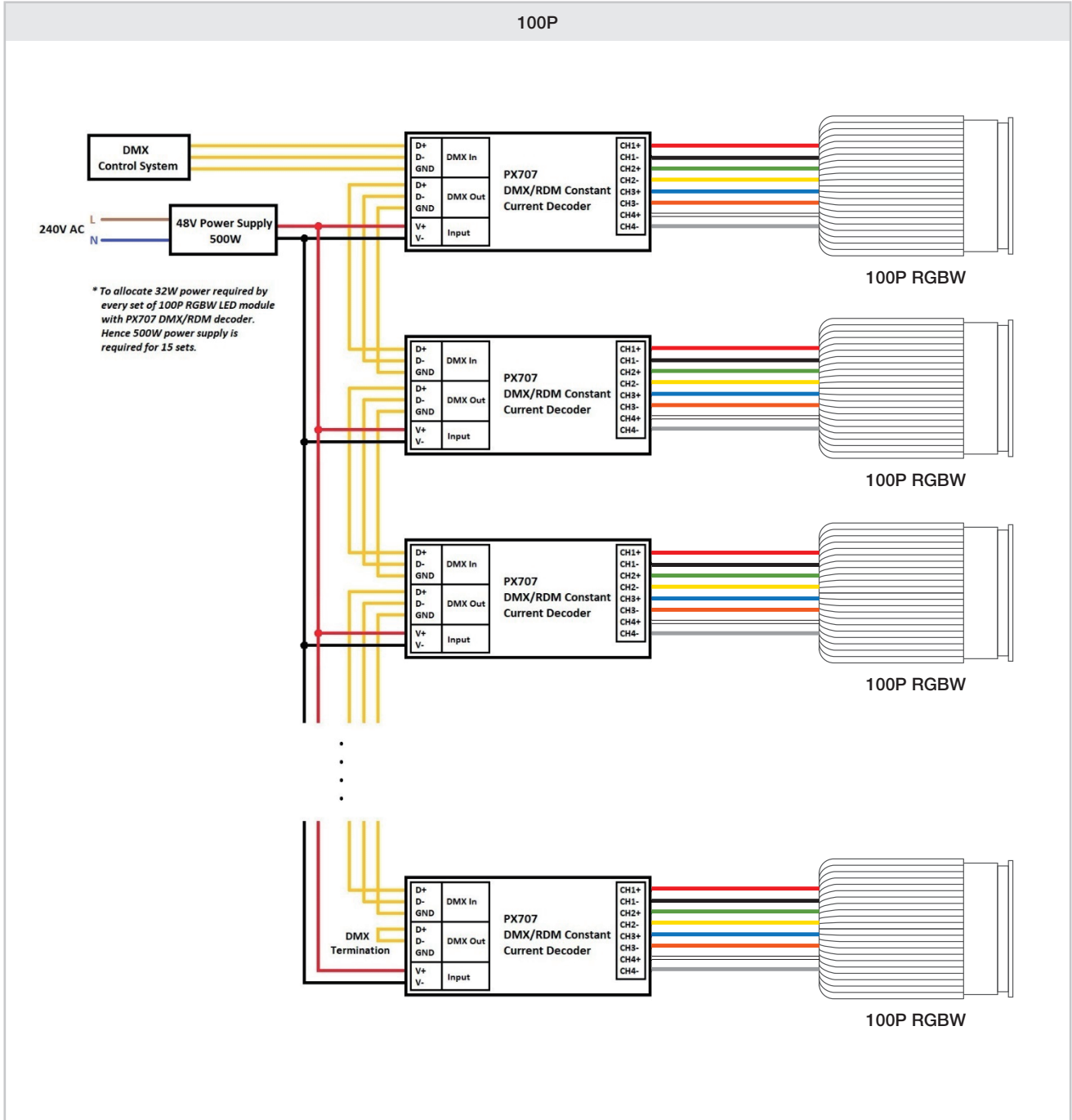
## CLASSIC / PRO LED MODULE ( flexiK )

20C / 20P	50P	100P / 300P
<p>L80 Driver Power Setting</p> 	<p>L150 Driver Power Setting</p> 	<p>L170 Driver Power Setting</p> 
<p><b>AC 220-240V</b>    <b>DARK BROWN (LIVE)</b>    <b>BLUE (NEUTRAL)</b></p> <p><b>L</b> ——— <b>N</b> ———</p>		
<p>Auxiliary Plug-in Connection</p>  <p>V+ — (Red) V- — (Black) T+ — (Yellow) T- — (Green) CTRL — (White)</p>   <p>20C/P</p>	<p>Auxiliary Plug-in Connection</p>  <p>+ — (Red) C- — (Black) W- — (White) TC — (Yellow) TC — (Green)</p>   <p>50P</p>	<p>Auxiliary Plug-in Connection</p>  <p>+ — (Red) C- — (Black) W- — (White) TC — (Yellow) TC — (Green)</p>   <p>100P    300P</p>
<p><b>Attention</b></p>		
 <p>L150 or L170 driver      Auxiliary Plug-in</p> <p>* Ensure connector screws on driver are securely fasten before attaching Auxiliary Plug-in.</p>		

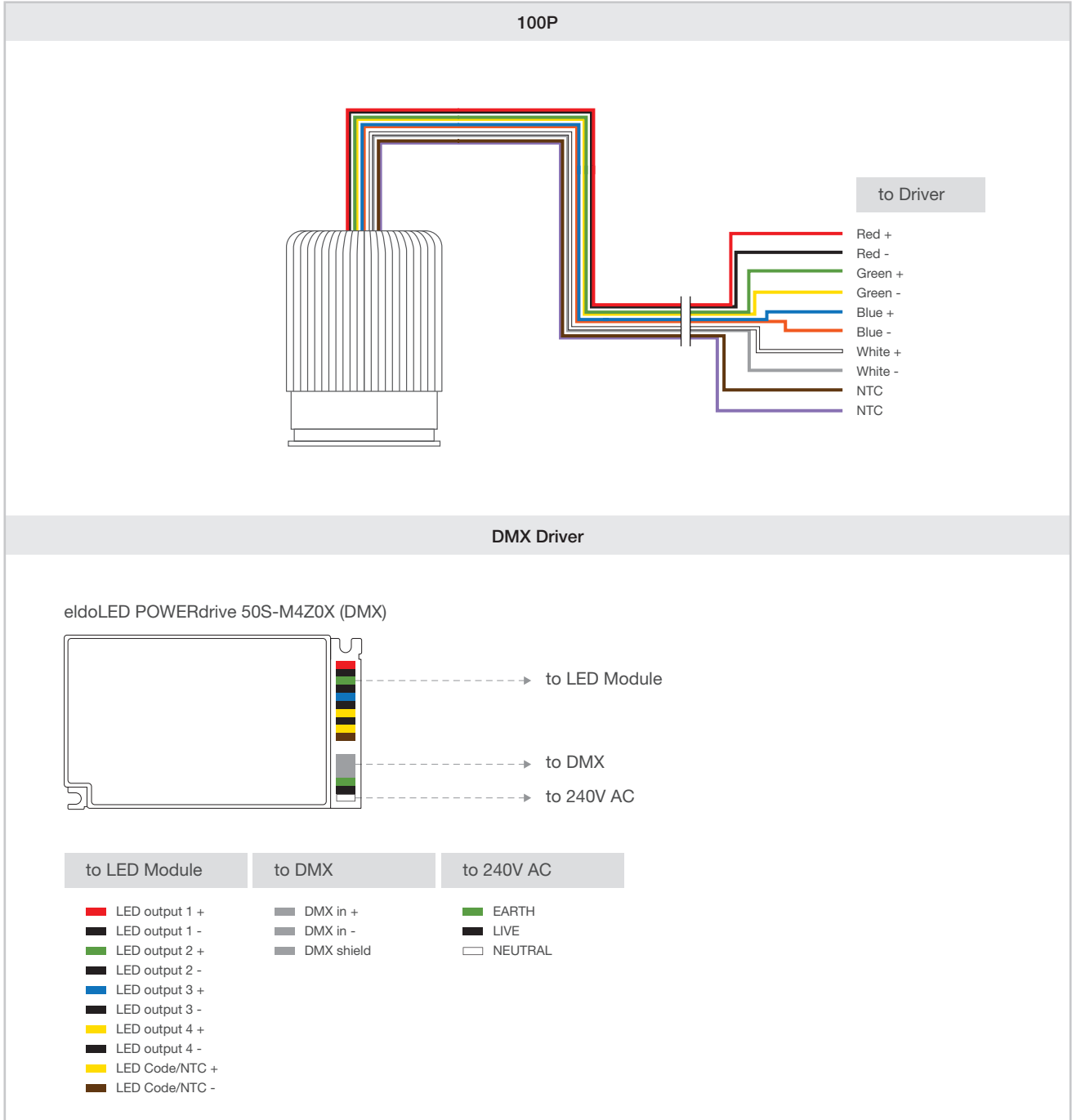
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RGBW LED MODULE ( DMX Decoder )

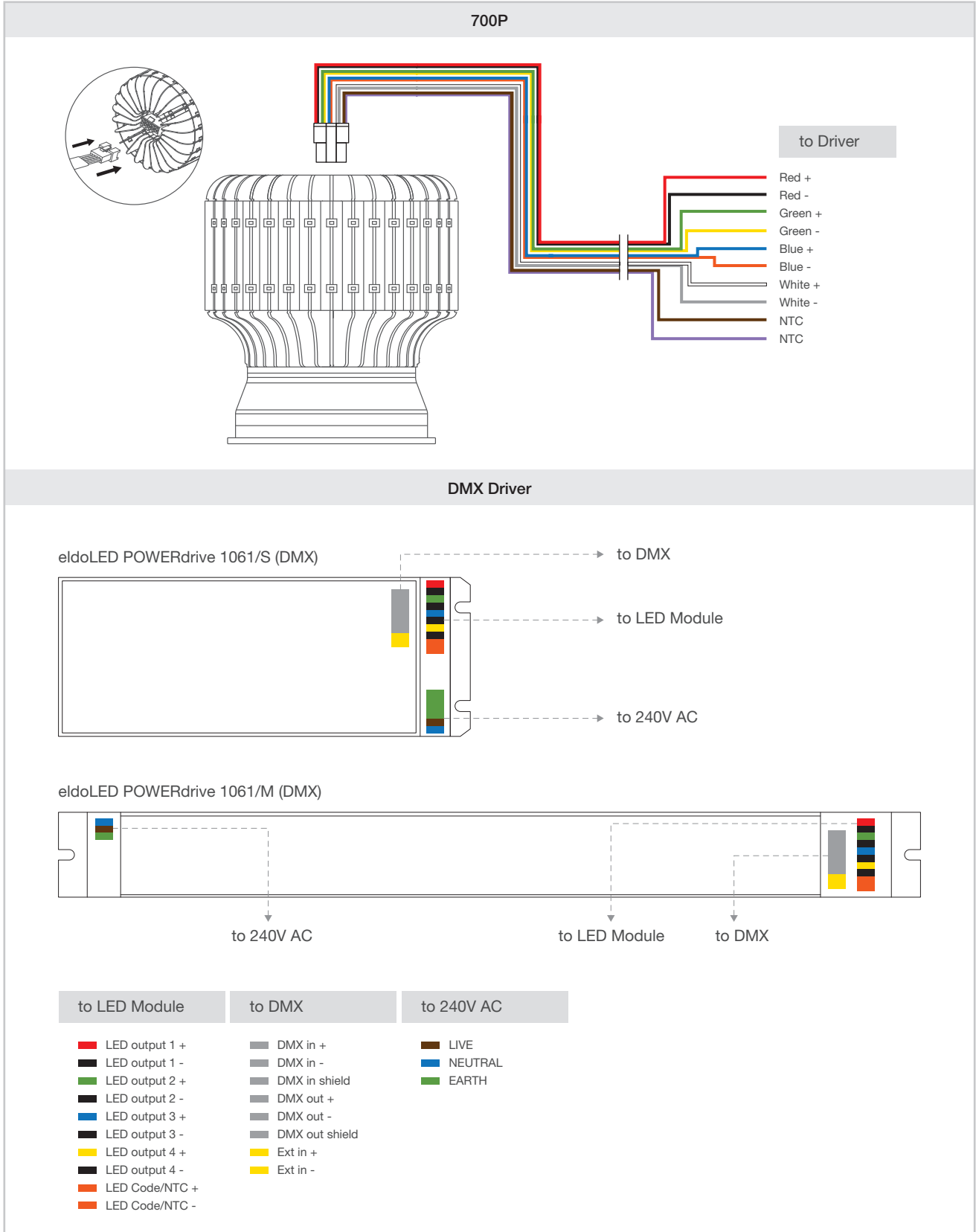


RGBW LED MODULE ( DMX )



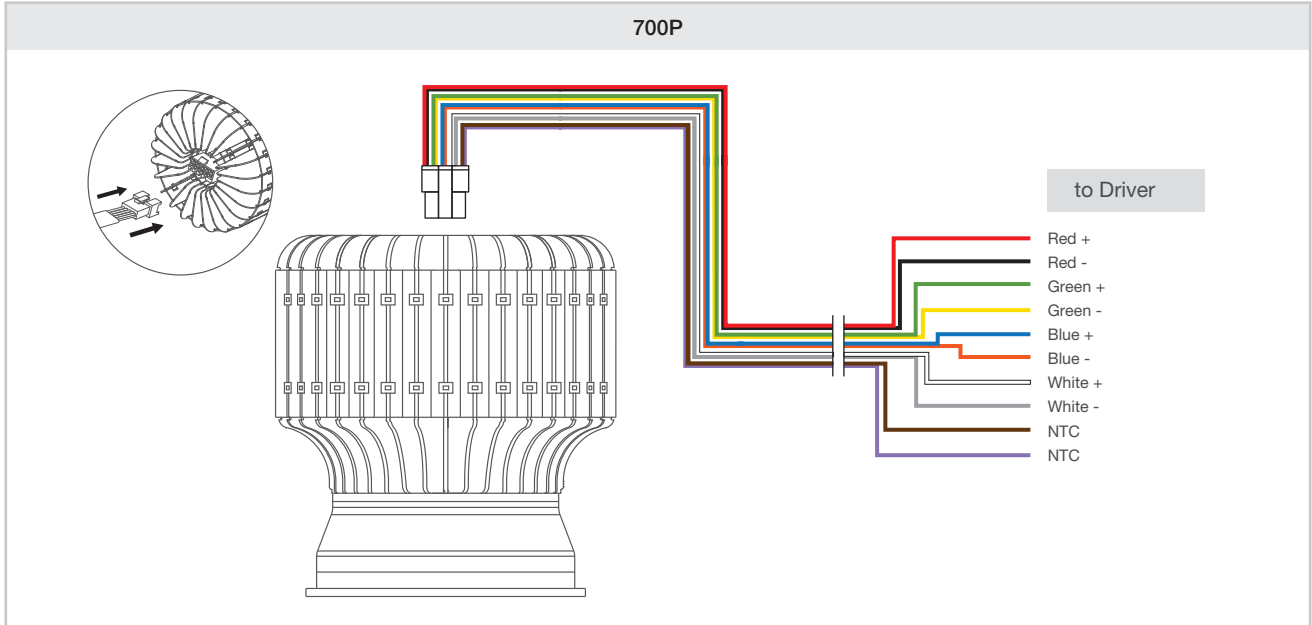


RGBW / RGBA LED MODULE ( DMX )



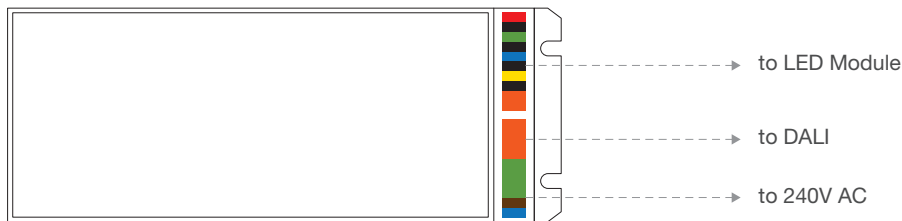
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RGBW / RGBA LED MODULE ( DALI )

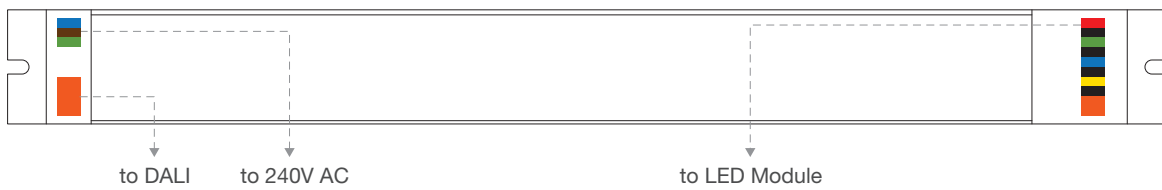


DALI Driver

eldoLED POWERdrive 106/S (DALI)



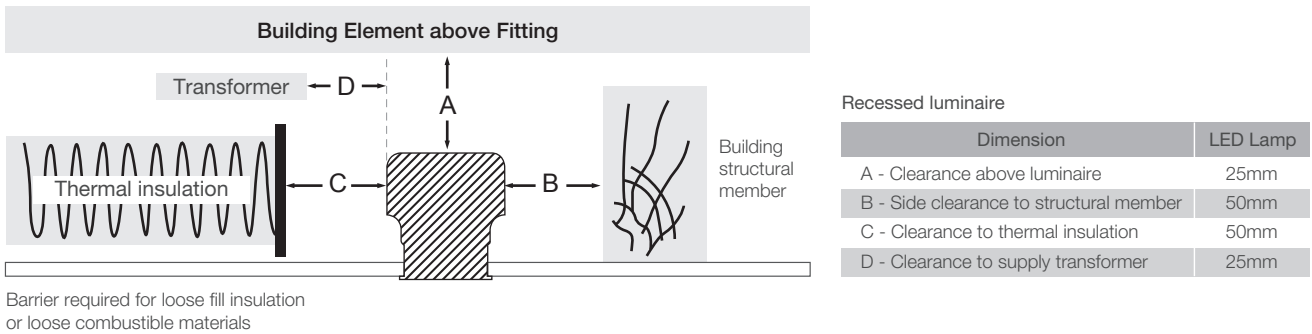
eldoLED POWERdrive 106/M (DALI)



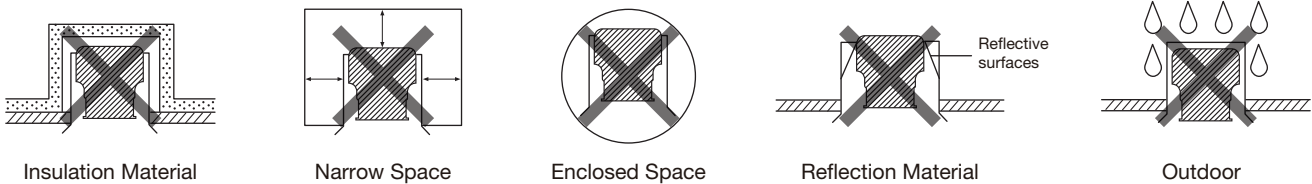
to LED Module	to DALI	to 240V AC
Red LED output 1 +	Orange DALI +	Brown LIVE
Black LED output 1 -	Red DALI -	Blue NEUTRAL
Green LED output 2 +	Orange DALI +	Green EARTH
Black LED output 2 -	Red DALI -	
Blue LED output 3 +	Orange DALI +	
Black LED output 3 -	Red DALI -	
Yellow LED output 4 +		
Black LED output 4 -		
Orange LED Code/NTC +		
Orange LED Code/NTC -		

## CLASSIC / PRO LED MODULE

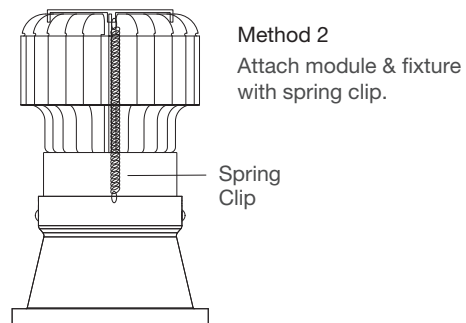
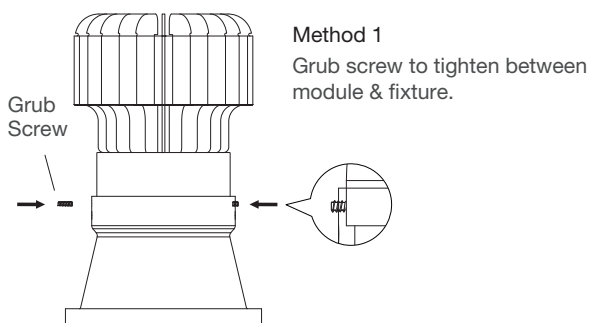
- Suitable for indoor installation only.
- Disconnect mains before proceeding.
- Locate fitting in accordance with local standards. Refer to image below for clearances.



**WARNING!** Use of ELR's light engine under the stated environments below will **NOT** be covered in our warranty.



### Mounting Options for ELR Classic / Pro LED Module Series



## LED Module Important Notes

### Environment (in maximum value)

Storage Temperature  
**-20°C...85°C**

Ambience  
**50°C**

Working Humidity  
**85% RH**

### SAFETY WARNING

- Luminaires **MUST** be installed by licensed electrician in accordance with local standards.
- LED modules **MUST ONLY** be connected to supplied LED drivers. It is not compatible with any other type of driver. Failure to adhere to this may cause damage and void warranty.
- **DO NOT COVER** lamp or driver under any circumstances.
- Ensure mains supply is not energised and/or is disconnected prior to installation/ connection/disconnection of LED module from LED driver.
- Luminaires must not be Megger tested or connected during any in-circuit testing.
- No user serviceable parts. Do not attempt to disassemble or repair lamp or driver.
- Do not use in flammable or explosive environments.
- Do not attempt to modify luminaires or supplied wiring in any way.
- Allow suitable air flow and ventilation around the luminaire.

### DIMMER COMPATIBILITY DECLARATION

Our Luminaires are designed for industry and home commonly used standard phase dimmers for best lighting effect achievement to provide added value to customers.

However, with thousands of dimmer models available in the market today, 100% compatibility cannot be guaranteed. In order to avoid disappointment, it is advised to use dimmer models that have been tested to be compatible. The latest information on dimming compatibility is available within our Dimmer Compatibility Card and can be obtained through our website and local distributors.

If any intended dimmer model to be used is not listed in our Dimmer Compatibility Card, kindly contact us and send in the dimmer to be tested. We will respond within the shortest possible time and advise on the compatibility with our luminaires.

We will not be responsible for all losses due to the incompatibility of the dimmer with our luminaires. Incompatibility includes abnormal operations i.e., flicker, throb, delayed on/off, failure, narrow dimming ranges, etc. and are not limited to the above mentioned conditions.