











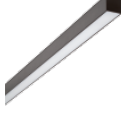



















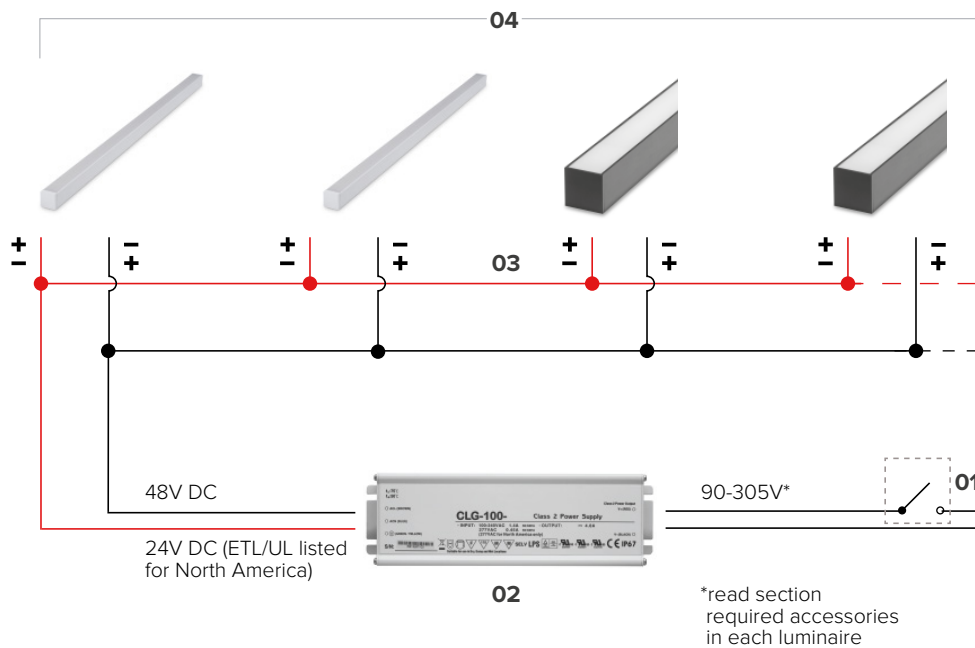


CONTROL UNITS AND WIRING EXAMPLES FOR THE BELOW LUMINAIRES

	NEW ANODE SMALL ANODE MEDIUM IP40 p. 75		NEW B RAZOR IP40 p. 92		NEW B RING IP20 p. 74		BUTTON 100 CL IP67 p. 41
	NEW BUTTON 200 CL IP67 p. 41		NEW BUTTON 100 SQ DO IP67 p. 10		NEW BUTTON 200 SQ DO IP67 p. 11		BUTTON 100 DO IP67 p. 13
	NEW BUTTON 200 DO IP67 p. 14		NEW BUTTON 100 W IP67 p. 18		NEW BUTTON 200 W IP67 p. 19		INSERTO MINI CL IP40 p. 55
	INSERTO MINI SLIM CL IP40 p. 57		INSERTO SMALL CL IP40 p. 59		INSERTO MEDIUM 40 CL IP40 p. 61		INSERTO MEDIUM 40 CL SYSTEM IP40 p. 63
	INSERTO MEDIUM 65 CL IP40 p. 66		INSERTO MEDIUM 40 F IP40 p. 98		INSERTO MEDIUM 40 F SYSTEM IP40 p. 100		INSERTO MEDIUM 65 F IP40 p. 103
	INSERTO MEDIUM 65 F SYSTEM IP40 p. 106		INSERTO MINI T IP40 p. 93		INSERTO MINI SLIM T IP40 p. 95		INSERTO MEDIUM 65 T IP40 p. 110
	INSERTO MEDIUM 65 T SYSTEM IP40 p. 113		INSERTO MINI SD IP40 p. 76		INSERTO MEDIUM 40 SD IP40 p. 77		INSERTO MEDIUM 65 SD IP40 p. 78
	INSERTO MEDIUM 105 SD IP40 p. 80		INSERTO MEDIUM 105 SD2 IP40 p. 81		INSERTO MEDIUM 40 W IP40 p. 68		INSERTO MEDIUM 105 W IP40 p. 69
	INSERTO MEDIUM 105 EDGE IP40 p. 71		INSERTO MEDIUM 105 CORNER IP40 p. 72		INSERTO MEDIUM DO IP67 p. 15		INSERTO MEDIUM WO IP67 p. 20
	LINEAR TUBE 112 SLIM IP67 p. 22		LINEAR TUBE 112 MINI SLIM IP67 p. 25				

ON/OFF: 24V DC (NORTH AMERICA) - 48V DC

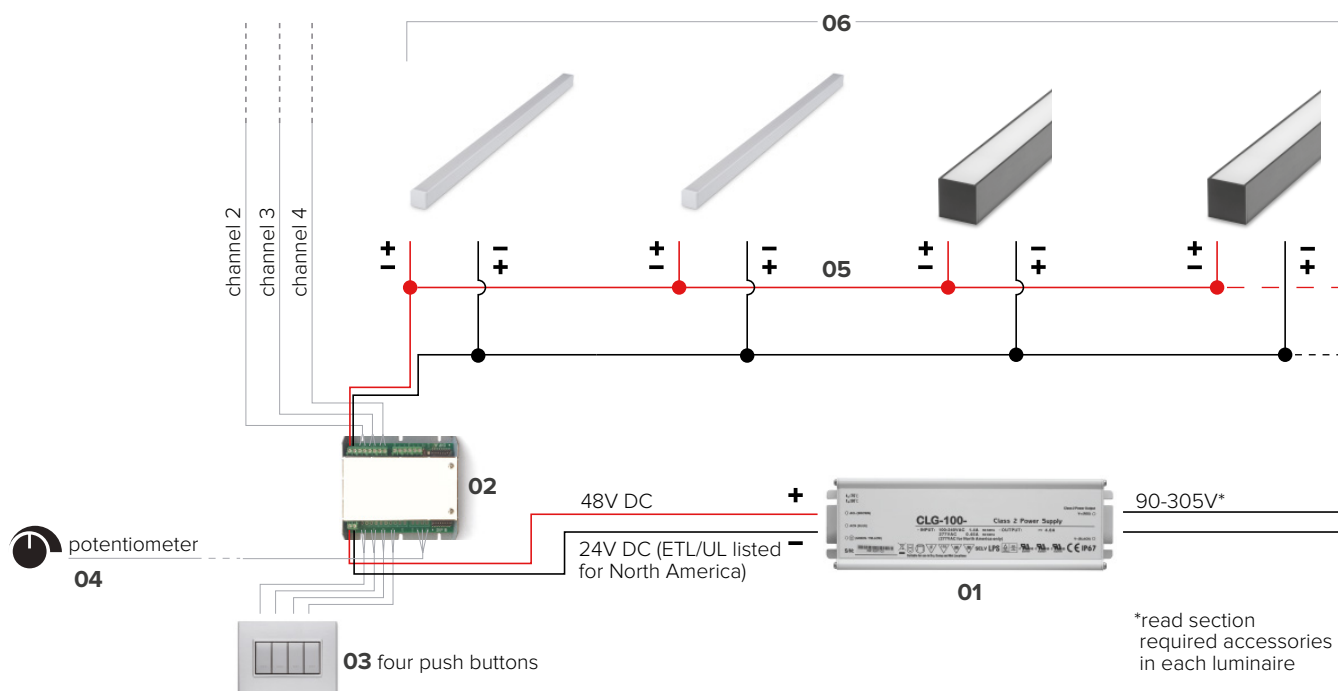
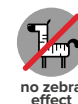
- 01** switch ON/OFF
- 02** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply ETL/UL listed. Choose the power supply considering the correct load type and size and always add a spare 20% as safety margin
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires **connected in parallel**



#20

**DIMMING USING
PUSH BUTTON OR POTENTIOMETER:
24V DC (NORTH AMERICA) - 48V DC**

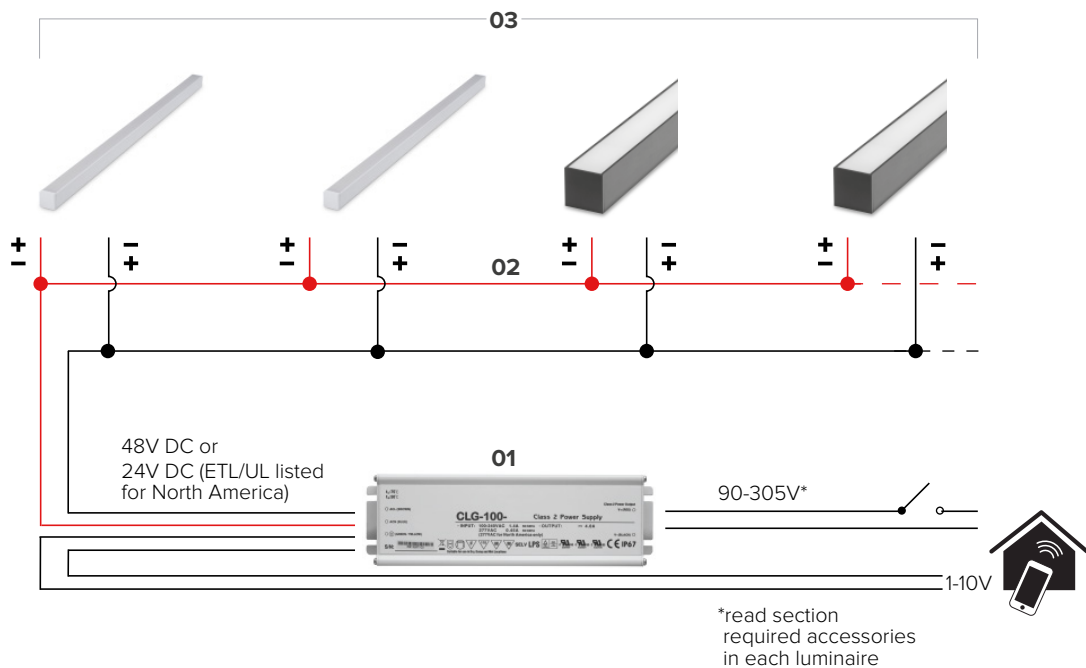
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply ETL/UL listed. Choose the power supply considering the correct load type and size and always add a spare 20% as safety margin
- 02** 24V DC and 48V DC dimmer interface, SMART DIMM MASTER 4 (code 69116). Works with B LIGHT luminaires only
- 03** Dimming using four push buttons. 48V DC: maximum load of 320W, four independent channels and maximum load of 100W per channel. 24V DC (North America): maximum load of 240W, four independent channels and maximum load of 100W per channel
- 04** Dimming using potentiometer. 48V DC: maximum load of 320W, four synchronized channels and maximum load of 100W per channel. 24V DC (North America): maximum load of 240W, four synchronized channels and maximum load of 100W per channel
- 05** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 06** Luminaires **connected in parallel**



#21

1-10V DIMMING: 24V DC (NORTH AMERICA) - 48V DC

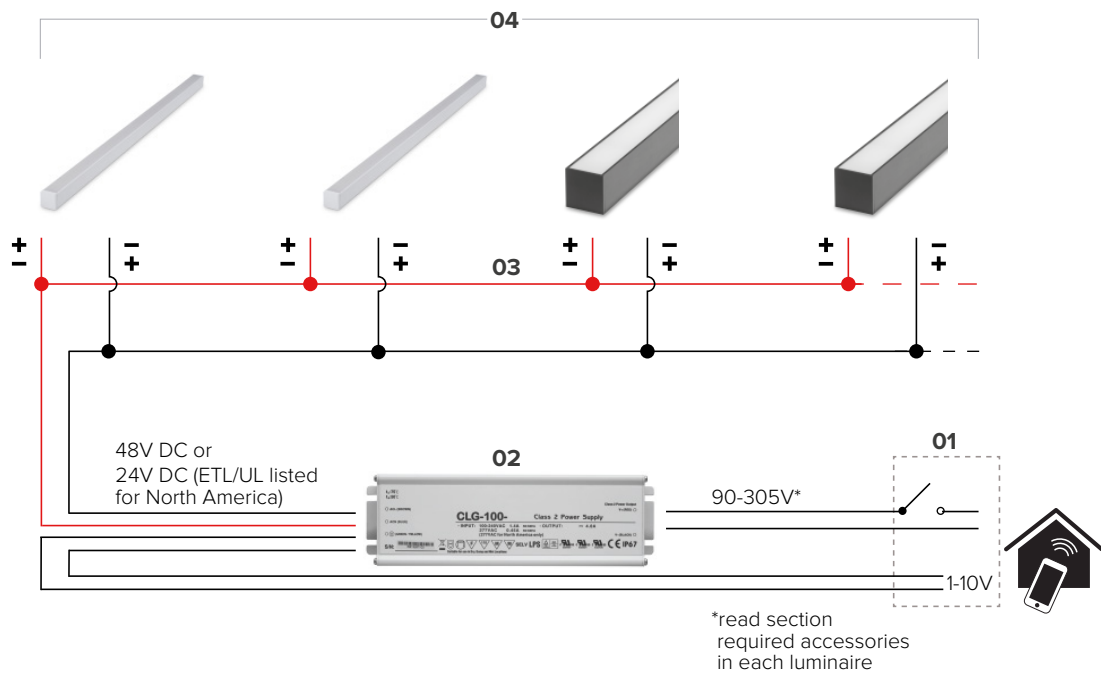
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) 1-10V power supply or for North America a 24V DC (constant voltage) 1-10V Class 2 power supply ETL/UL listed.
For a perfect dimming, it is necessary that the power supply is saturated to 100%
- 02** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 03** Luminaires **connected in parallel**



#22

**SWITCH DIMMER 1-10V:
24V DC (NORTH AMERICA) - 48V DC**

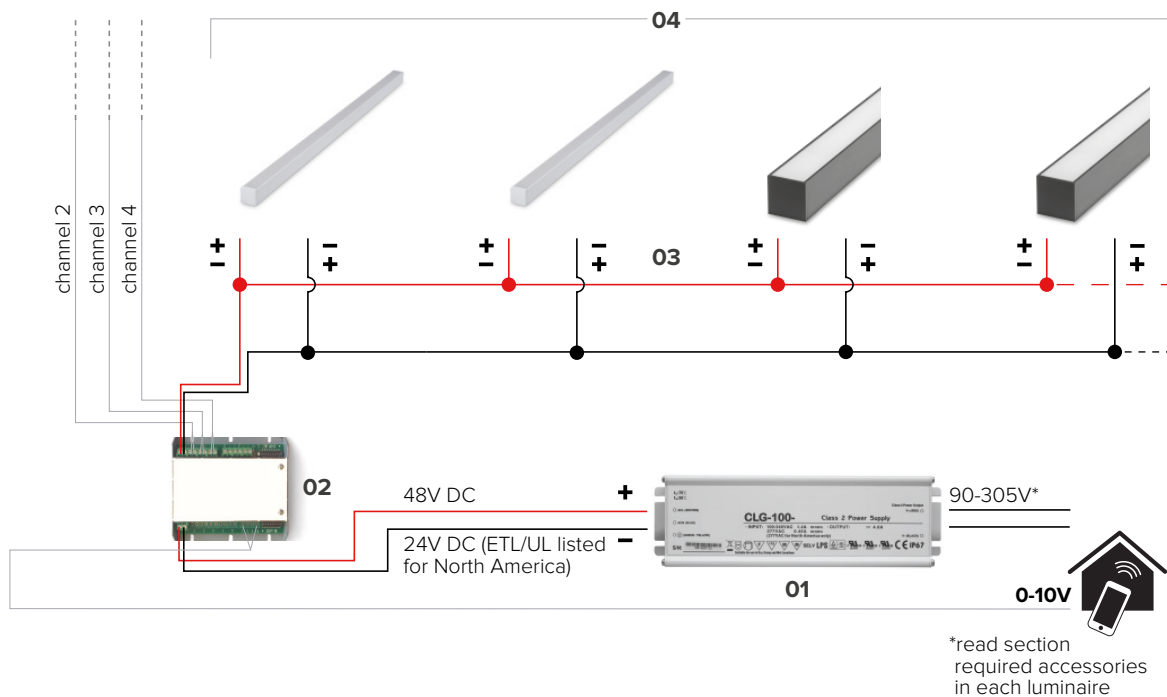
- 01** Switch dimmer 1-10V
- 02** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) 1-10V power supply or for North America a 24V DC (constant voltage) 1-10V Class 2 power supply ETL/UL listed.
For a perfect dimming, it is necessary that the power supply is saturated to 100%
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires connected in parallel



#23

0-10V DIMMING: 24V DC (NORTH AMERICA) - 48V DC

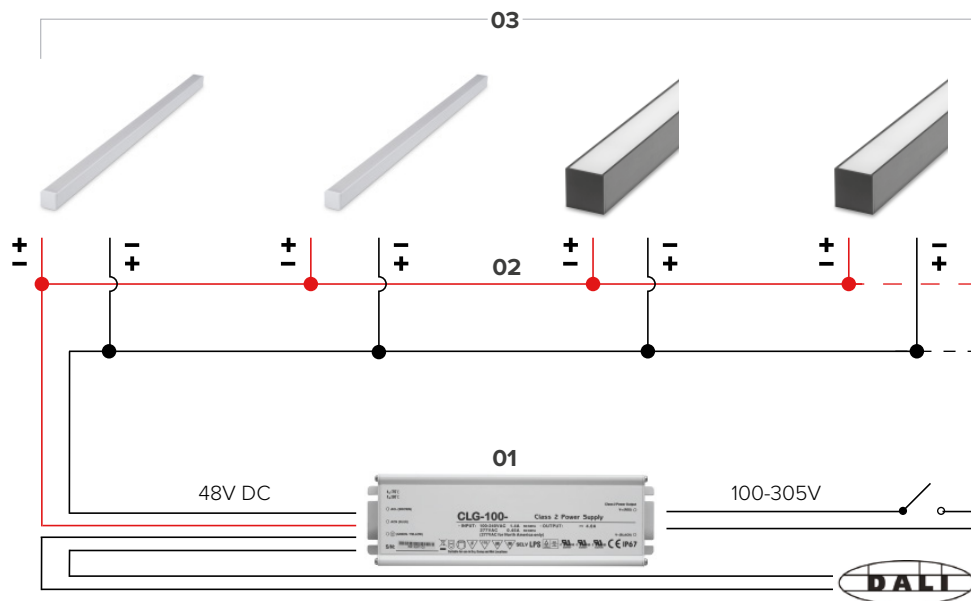
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply ETL/UL listed. Choose the power supply considering the correct load type and size and always add a spare 20% as safety margin
- 02** 24V DC and 48V DC dimmer interface, SMART DIMM MASTER 4 (code 69116). 48V DC: maximum load of 320W, four synchronized channels and maximum load of 100W per channel. 24V DC (North America): maximum load of 240W, four synchronized channels and maximum load of 100W per channel
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires **connected in parallel**



#24

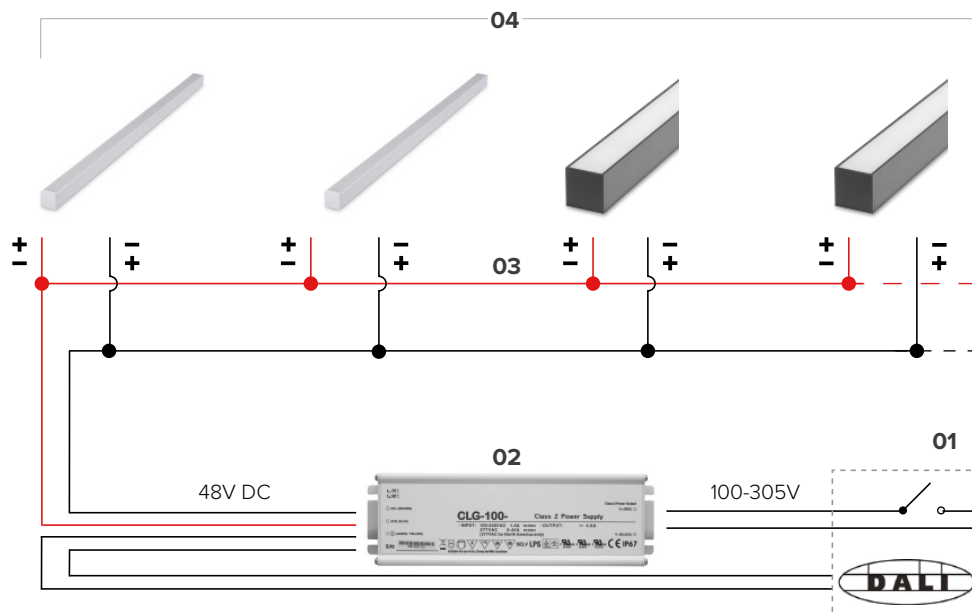
DALI: 48V DC

- 01 Read section required accessories in each luminaire and choose a 48V DC (constant voltage) DALI power supply .
For a perfect dimming, it is necessary that the power supply is saturated to 100%
- 02 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 03 Luminaires **connected in parallel**



SWITCH DIMMER DALI: 48V DC

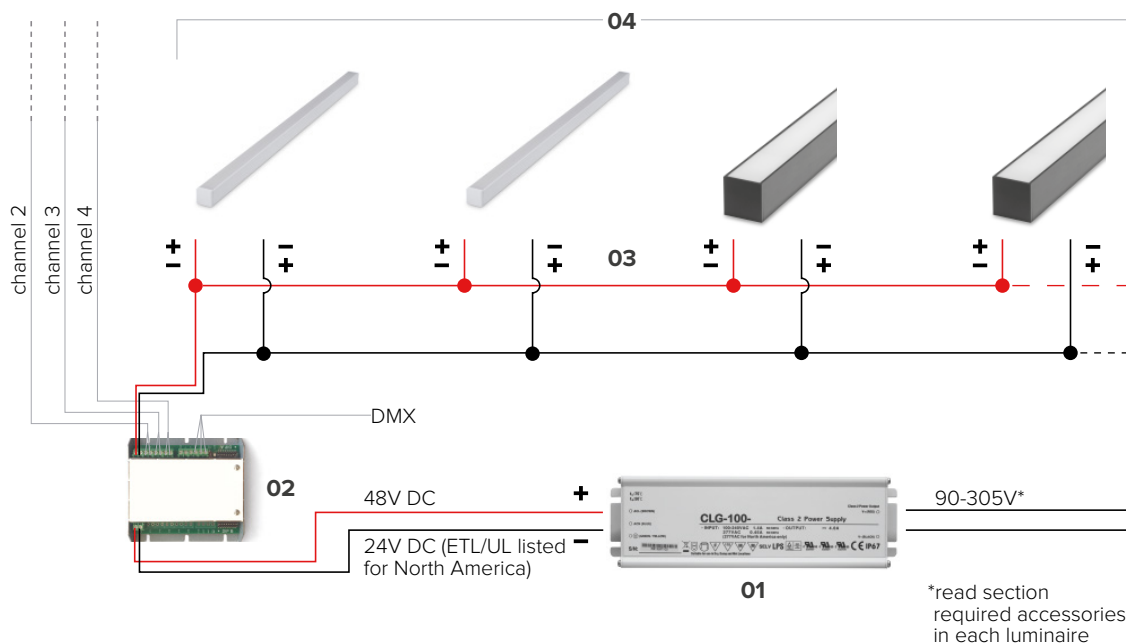
- 01** Switch dimmer DALI
- 02** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) DALI power supply .
For a perfect dimming, it is necessary that the power supply is saturated to 100%
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires **connected in parallel**



#26

DMX DIMMING: 24V DC (NORTH AMERICA) - 48V DC

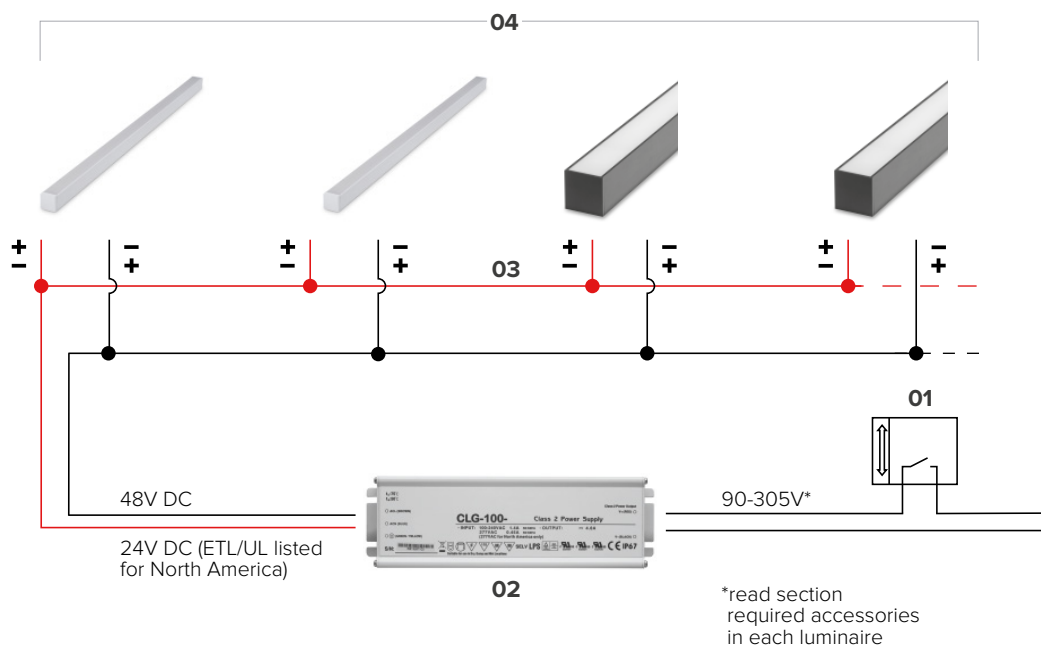
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply ETL/UL listed. Choose the power supply considering the correct load type and size and always add a spare 20% as safety margin
- 02** 24V DC and 48V DC dimmer interface, SMART DIMM SLAVE 4 (code 69117)
48V DC: maximum load of 320W, four independent channels and maximum load of 100W per channel.
24V DC (North America): maximum load of 240W, four independent channels and maximum load of 100W per channel
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires **connected in parallel**



#27

ON/OFF ACTUATOR¹: 24V DC (NORTH AMERICA) - 48V DC

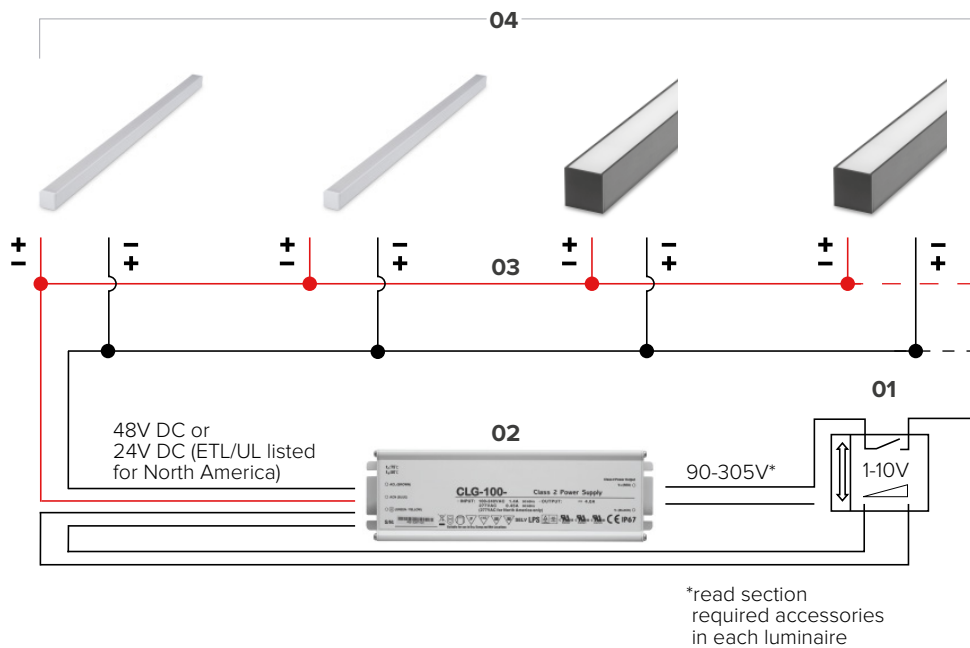
- 01** ON/OFF actuator
- 02** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply ETL/UL listed. Choose the power supply considering the correct load type and size and always add a spare 20% as safety margin
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires **connected in parallel**



#28

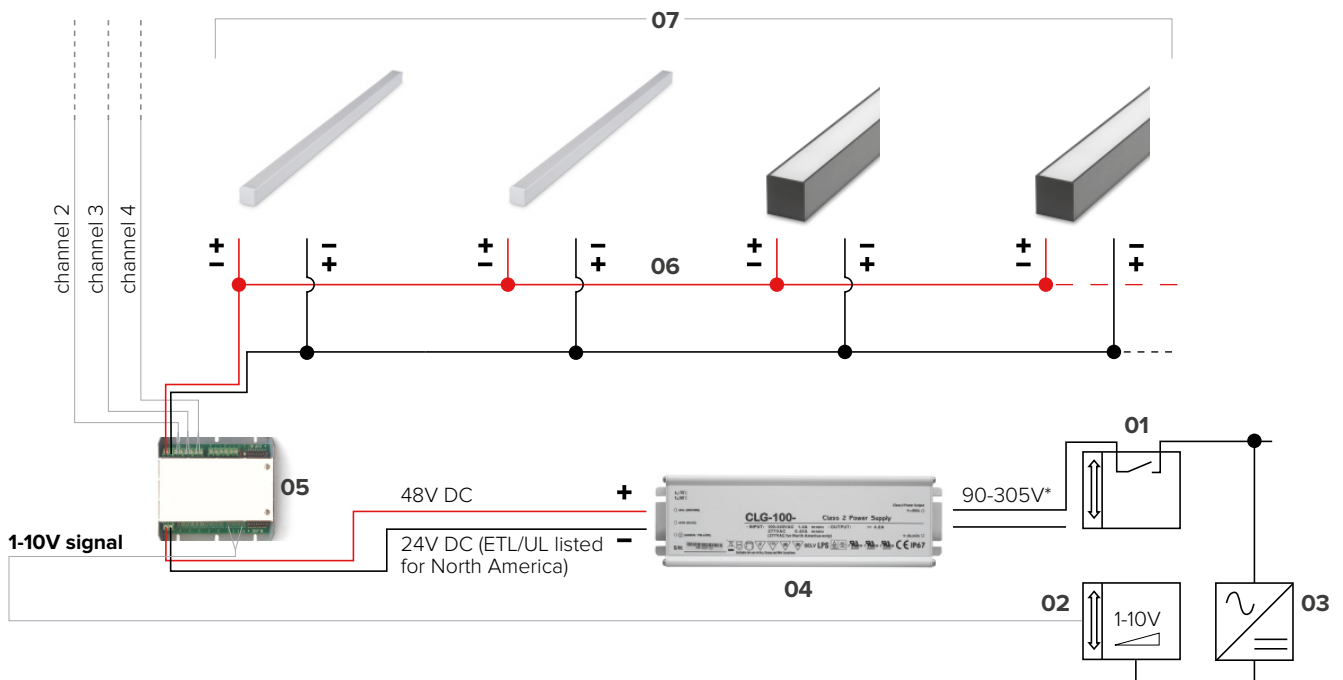
**1-10V DIMMING USING PASSIVE ACTUATOR¹ :
24V DC (NORTH AMERICA) - 48V DC**

- 01** 1-10V passive actuator
- 02** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) 1-10V power supply or for North America a 24V DC (constant voltage) 1-10V Class 2 power supply ETL/UL listed.
For a perfect dimming, it is necessary that the power supply is saturated to 100%
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires **connected in parallel**



**1-10V DIMMING USING ACTIVE ACTUATOR¹:
24V DC (NORTH AMERICA) - 48V DC**

- 01** ON/OFF actuator.
The actuator contact should only open when the value of the analogic signal is set to “OV”, otherwise it must always be closed
- 02** Analogic 1-10V module
- 03** Power supply
- 04** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply ETL/UL listed.
Choose the power supply considering the correct load type and size and always add a spare 20% as safety margin
- 05** 24V DC and 48V DC dimmer interface, SMART DIMM MASTER 4 (code 69116).
48V DC: maximum load of 320W, four synchronized channels and maximum load of 100W per channel.
24V DC (North America): maximum load of 240W, four synchronized channels and maximum load of 100W per channel
- 06** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 07** Luminaires **connected in parallel**



*read section
required accessories
in each luminaire