

TWO WIRES DIMMING

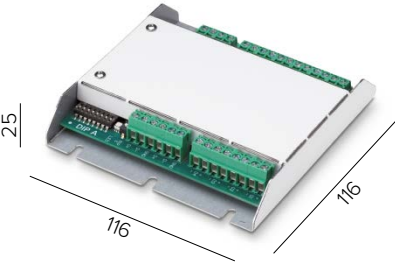
A		41	47	509	PLUS 529	PLUS 547				
		ATRIA MINI IP67	ATRIA IN IP67	ATRIA RD IP65	ATRIA WW IP66	ATRIA FW IP66				
B		485	485	367	191	191	97	97	97	103
		BASTER IP44	BASTER SQ IP44	B RAZOR IP40	BUTTON 100 CL IP65	BUTTON 200 CL IP66	BUTTON 60 SQ DO IP67	BUTTON 100 SQ DO IP67	BUTTON 200 SQ DO IP67	BUTTON 60 DO IP67
E		103	103	123	123	123	553			
		BUTTON 100 DO IP67	BUTTON 200 DO IP67	BUTTON 60 W IP67	BUTTON 100 W IP67	BUTTON 200 W IP67	ELLIPSE 60 IP40/IP67			
I		267	273	277	285	375	383	389	399	311
		INSERTO MINI CL / MINI CL-E IP40	INSERTO SMALL CL IP40	INSERTO MEDIUM 40 CL / 40 CL SYSTEM IP40	INSERTO MEDIUM 65 CL IP40	INSERTO MINI T / MINI T-E IP40	INSERTO MEDIUM 40 F / 40 F SYSTEM IP40	INSERTO MEDIUM 65 F / 65 F SYSTEM IP40	INSERTO MEDIUM 65 T / 65 T SYSTEM IP40	INSERTO MEDIUM 40 SD IP40
		315	319	293	297	109	109	129	341	
		INSERTO MEDIUM 65 SD IP40	INSERTO MEDIUM 105 SD / 105 SD2 IP40	INSERTO MEDIUM 40 W IP40	INSERTO MEDIUM 105 W IP40	INSERTO MEDIUM DO IP67	NEW INSERTO MINI DO IP67	INSERTO MEDIUM WO IP67	INSERTO SMALL TRACK IP40	
J		183	183	183						
		JOLI 1 IP65	JOLI 2 IP67	JOLI 3 IP65						
K		561	561	243	247	247	255	255		
		KUADRO 50 ROUND IP40/IP65	KUADRO 50 SQUARE IP40/IP65	KUBO 54 UP IP40	KUBO 54 CL IP41	KUBO 54 AD IP30	KUBO 54 W IP67	KUBO 54 W2 IP67		

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L	85	137	143						
	LAPPEN 180 IP67	LINEAR TUBE SLIM IP67	LINEAR TUBE HP 6 WALL IP67						
M	151	155	159	53	PLUS 57	63	63	PLUS 71	77
	MAIA DUO IP67	MAIA IP67	MAIA ET IP67	MEROPE 70 IP67	MEROPE 100 WW IP67	MEROPE 100 OP IP67	MEROPE 100 AD IP67	MEROPE 140 WW IP67	MEROPE 140 OP IP67
O	349	441							
	MUSHROOM MINI IP30	MUSHROOM MINI PL IP30							
	197	197	PLUS 201	223	223				
	OKKIO 55 CL IP41	OKKIO 55 AD IP30	OKKIO 60 WW IP20	OKKIO 55 W IP65	OKKIO 55 W2 IP67				

OPTIONAL ACCESSORIES

SMART DIMM MASTER 4



DIMMER INTERFACE OR 0-10V INTERFACE

code	input voltage	max load*	IP	dimensions mm
69116	24V DC - 48V DC	240W at 24V DC 320W at 48V DC	IP20	W116xD116xH25

*read more below

24V DC (North America) and 48V DC dimmer interface using push button, potentiometer or 0-10V signal. Read wiring examples before installation

Dimming using push button

24V DC (North America): maximum load 240W, four independent channels and maximum load 100W per channel.
48V DC: maximum load 320W, four independent channels and maximum load 100W per channel

0-10V dimming

24V DC (North America): maximum load 240W, four synchronized channels and maximum load 100W per channel.
48V DC: maximum load 320W, four synchronized channels and maximum load 100W per channel

Dimming using potentiometer

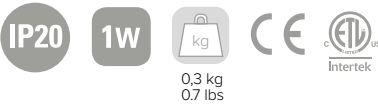
24V DC (North America): maximum load 240W, four synchronized channels and maximum load 100W per channel.
48V DC: maximum load 320W, four synchronized channels and maximum load 100W per channel

Connecting a SMART DIMM SLAVE 4 interface

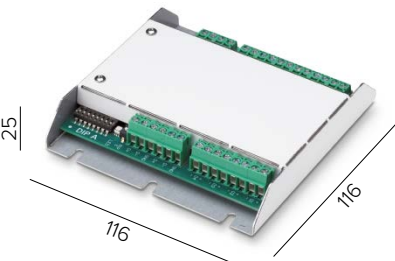
Possibility to connect to the master, up to No. 32 SMART DIMM SLAVE 4 interfaces (code 69117).
The dimming signals generated by the master interface are replicated to the slaves



Flicker-free and video-ready
Designed to work at 18 KHz and when dimming dark bands are not visible.
No "zebra stripes"



SMART DIMM SLAVE 4



DMX INTERFACE OR DIMMER INTERFACE SLAVE

code	input voltage	max load*	IP	dimensions mm
69117	24V DC - 48V DC	240W at 24V DC 320W at 48V DC	IP20	W116xD116xH25

*read more below

24V DC (North America) and 48V DC DMX interface or dimmer interface slave. Read wiring examples before installation

DMX dimming

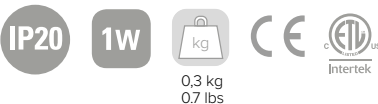
24V DC (North America): maximum load 240W, four independent channels and maximum load 100W per channel.
48V DC: maximum load 320W, four independent channels and maximum load 100W per channel

Dimming as a slave

When connected to the master interface, the dimming signals generated by the master are replicated to the slaves



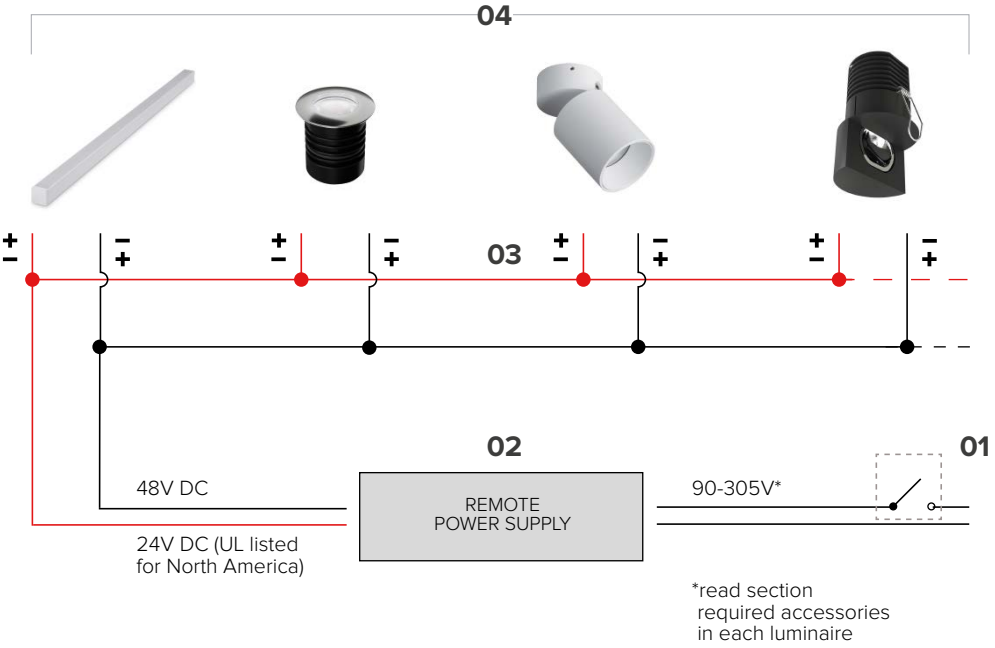
Flicker-free and video-ready
Designed to work at 18 KHz and when dimming dark bands are not visible.
No "zebra stripes"



#14

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

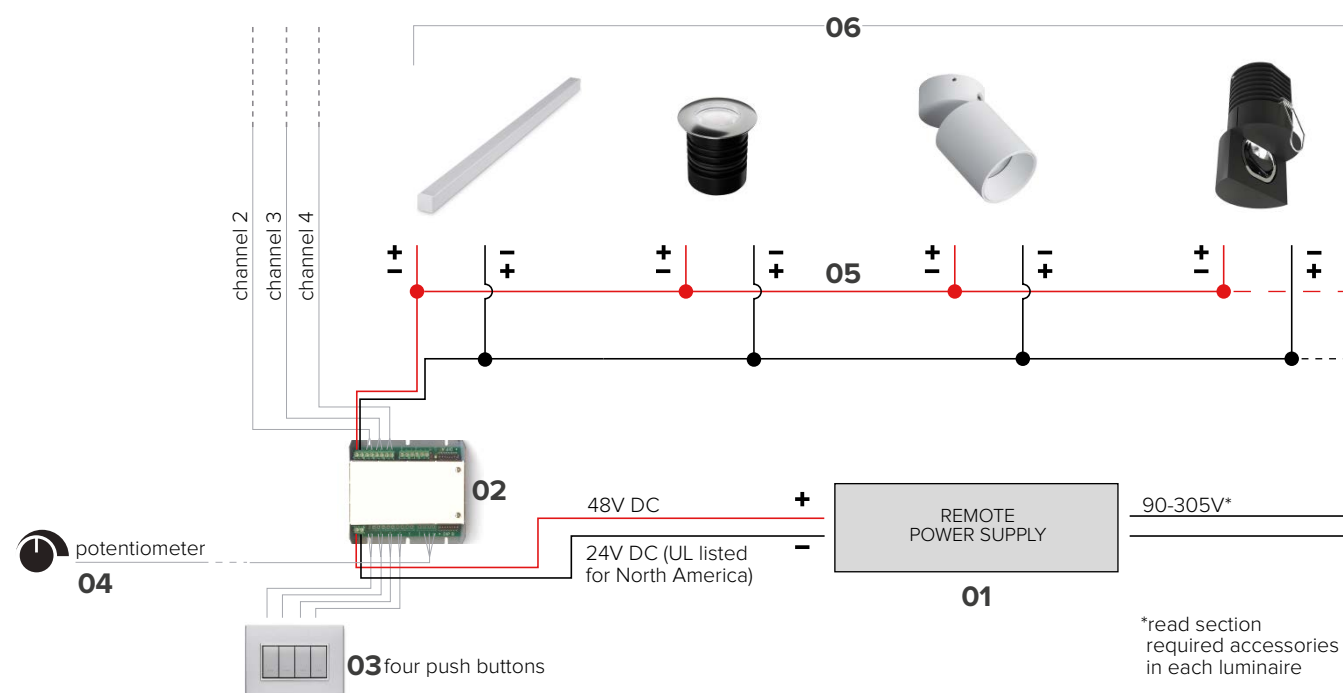
- 01 switch ON/OFF
- 02 Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply UL listed. Choose the power supply considering the correct load and always add a spare 20% as safety margin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



#15

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

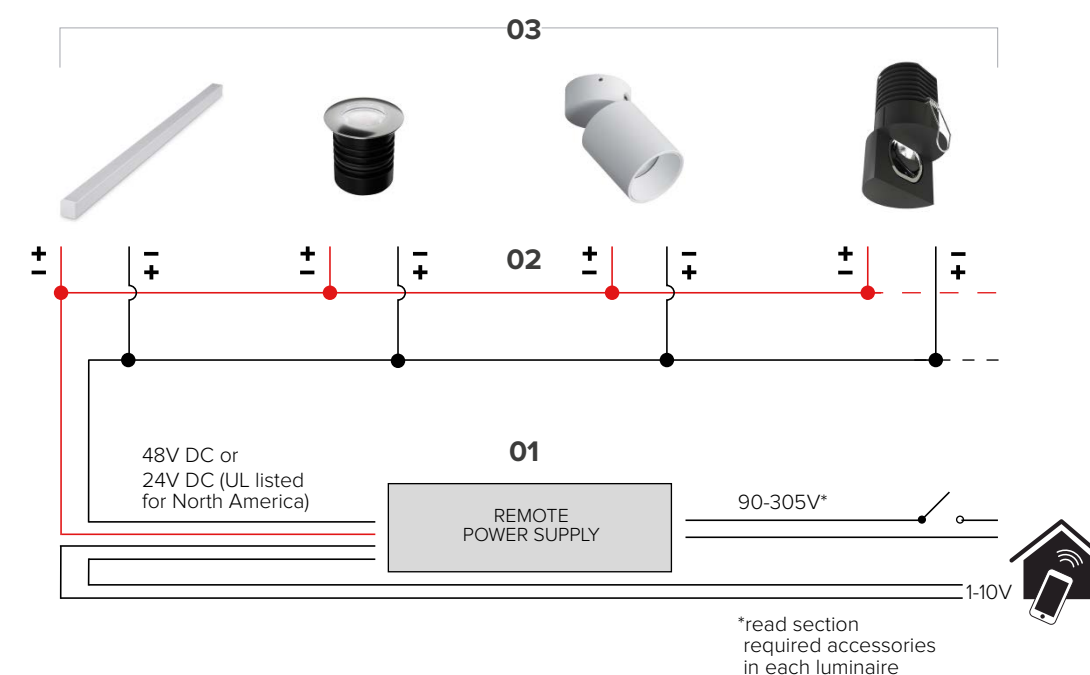
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply UL listed. Choose the power supply considering the correct load and always add a spare 20% as safety margin
- 02** 24V DC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



#16

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

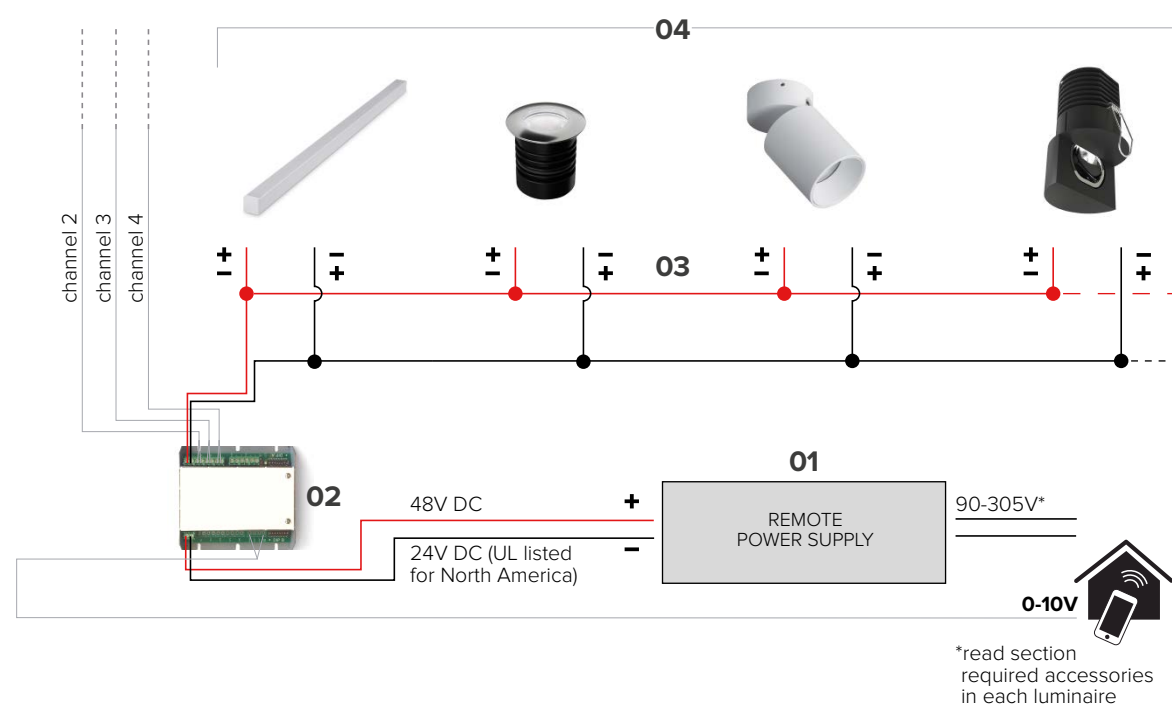
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) 1-10V power supply or for North America a 24V DC (constant voltage) 1-10V Class 2 power supply UL listed. **For a perfect dimming, it is necessary that the power supply is saturated to 100%**
- 02** Unpolarized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



#17

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

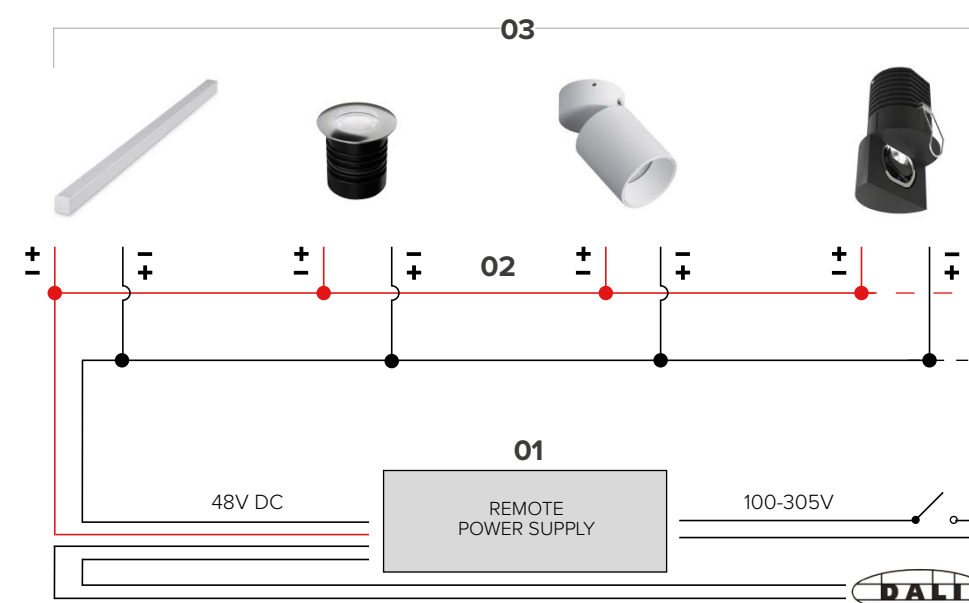
- 01** Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply or for North America a 24V DC (constant voltage) Class 2 power supply UL listed. Choose the power supply considering the correct load and always add a spare 20% as safety margin
- 02** 24V DC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



#18

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**



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 UL listed. Choose the power supply considering the correct load 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 320W, four independent channels and maximum load 100W per channel.
24V DC (North America): maximum load 240W, four independent channels and maximum load 100W per channel
- 03 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04 Luminaires connected in parallel

