



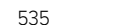


A

89	89	89	PLUS 457	453	463	463	PLUS 467	473
								
AGENA 1 IP67	AGENA 2 IP67	AGENA 180 IP67	ATLAS 60 P IP30/IP44	ATLAS MINI IP44	ATLAS IP44	ATLAS R IP44	ATLAS XS R IP30/IP44	ATLAS X2 R ATLAS X3 R IP44


						
PLUS 513	519	519	PLUS 523	535	535	539
NEW			NEW			
ATRIA 60 P IP66	ATRIA IP65	ATRIA R IP65	ATRIA XS R IP66	ATRIA X1 IP66	ATRIA X1 R IP66	ATRIA X2 R IP66

**B**

481	481	485	485	<b>PLUS</b> 489	493	499
						
BASTER MINI <b>IP44</b>	BASTER MINI SQ <b>IP44</b>	BASTER (mA version) <b>IP44</b>	BASTER SQ (mA version) <b>IP44</b>	<b>NEW</b> BASTER XS R IP40/IP44/ IP66	BASTER X1 R <b>IP66</b>	BASTER X2 R BASTER X3 R <b>IP44</b>

## E

553



ELLIPSE 100  
IP40



411	<b>PLUS</b> 415	421	427	431	435
					
INSIDE 60 R <b>IP40/IP65</b>	<b>NEW</b> INSIDE 75 R <b>IP30/IP44/ IP66</b>	INSIDE 120 R2 INSIDE 120 R3 <b>IP44</b>	INSIDE 60 SQ <b>IP40/IP65</b>	INSIDE 80 SQ <b>IP44</b>	INSIDE 120 SQ2 INSIDE 120 SQ3 <b>IP44</b>

## K

243	247	251	255	255	259
					
KUBO 54 UP (mA version) <b>IP40</b>	KUBO 54 CL (mA version) <b>IP54</b>	KUBO 100 CL <b>IP66</b>	KUBO 54 W (mA version) <b>IP67</b>	KUBO 54 W2 (mA version) <b>IP67</b>	KUBO 100 W <b>IP66</b>

## M

151	155	159	163	167	171	175	557
							
MAIA MINI DUO IP67	MAIA DUO (mA version) IP67	MAIA X1 DUO IP67	MAIA X2 DUO IP67	MAIA (mA version) IP67	MAIA ET (mA version) IP67	MAIA X1 IP67	MEREZ IP65

## CONTROL UNITS AND LUMINAIRES WIRING INDEX

53	63	77	77	303	303	349	353	359
								
MEROPEN 70 IP67	MEROPEN 100 IP67	MEROPEN 140 IP67	MEROPEN 140 AD IP67	MISS LIGHT 12 IP40	MISS LIGHT 24 IP40	MUSHROOM MINI (mA version) IP30	MUSHROOM SMALL IP30	MUSHROOM MEDIUM IP30

## O

	197		197		209		213		213		217		223		223
OKKIO 55 CL (mA version) <b>IP54</b>		OKKIO 80 CL <b>IP30</b>		OKKIO 80 AD <b>IP30</b>		OKKIO 100 CL <b>IP66</b>		OKKIO 100 CL MAXI <b>IP66</b>		OKKIO 130 CL <b>IP66</b>		OKKIO 55 W (mA version) <b>IP65</b>		OKKIO 55 W2 (mA version) <b>IP67</b>	

227	227	231	235
			
OKKIO 100 W <b>IP66</b>	OKKIO 100 W2 <b>IP66</b>	OKKIO 55 SD <b>IP40</b>	OKKIO 100 SD <b>IP30</b>

OPTIONAL ACCESSORIES

SMART DIMM MASTER 1



DIMMER INTERFACE OR 0-10V INTERFACE

code	input voltage	max No. fixtures*	IP	dimensions mm
69102	24V DC - 48V DC	read section optional accessories in each luminaire	IP20	W58xD35xH16

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

**Dimming using push button**  
Four independent channels and check each luminaire into the catalogue for maximum number of fixtures to connect

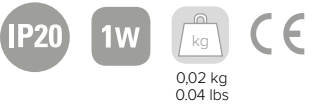
**Dimming using potentiometer**  
One channel and check each luminaire into the catalogue for maximum number of fixtures to connect

**0-10V dimming, active signal required**  
One channel and check each luminaire into the catalogue for maximum number of fixtures to connect

**Connecting a SMART DIMM Slave 1 interface**  
Possibility to connect to the master, up to No. 32 SMART DIMM Slave 1 interfaces (code 69103).  
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 1



DMX INTERFACE OR DIMMER INTERFACE SLAVE

code	input voltage	max No. fixtures*	IP	dimensions mm
69103	24V DC - 48V DC	read section optional accessories in each luminaire	IP20	W58xD35xH16

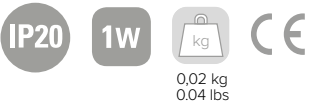
24V DC and 48V DC DMX interface or dimmer interface slave. Read wiring examples before installation

**DMX dimming**  
Four independent channels and check each luminaire into the catalogue for maximum number of fixtures to connect

**Dimming as a slave**  
When connected to the master interface, the dimming signals generated by the master are replicated to the slaves



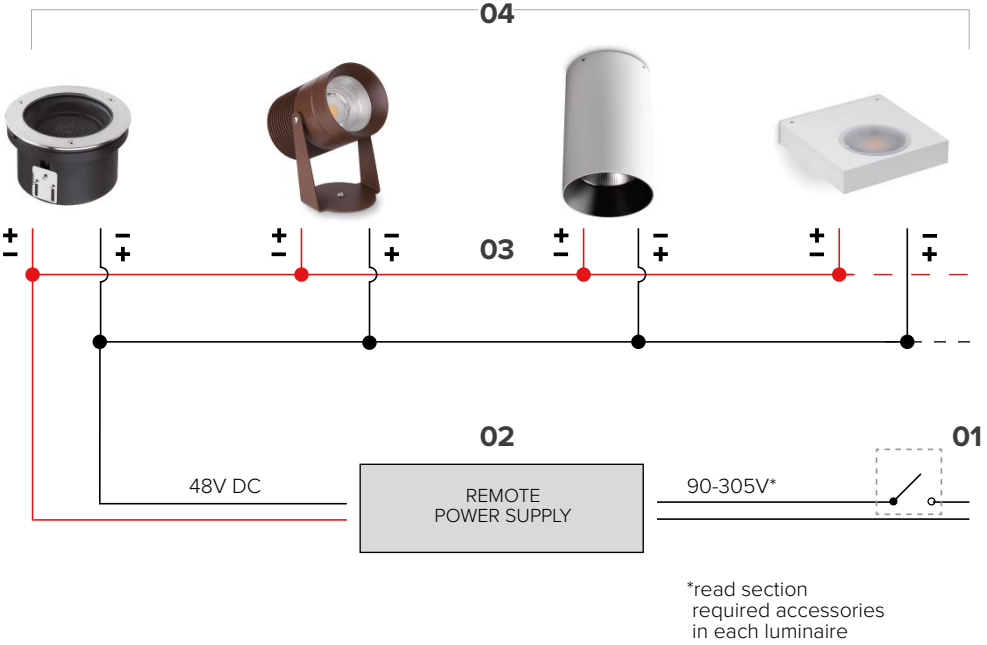
**Flicker-free and video-ready**  
Designed to work at 18 KHz and when dimming dark bands are not visible.  
No "zebra stripes"



#01

ON/OFF: 48V DC

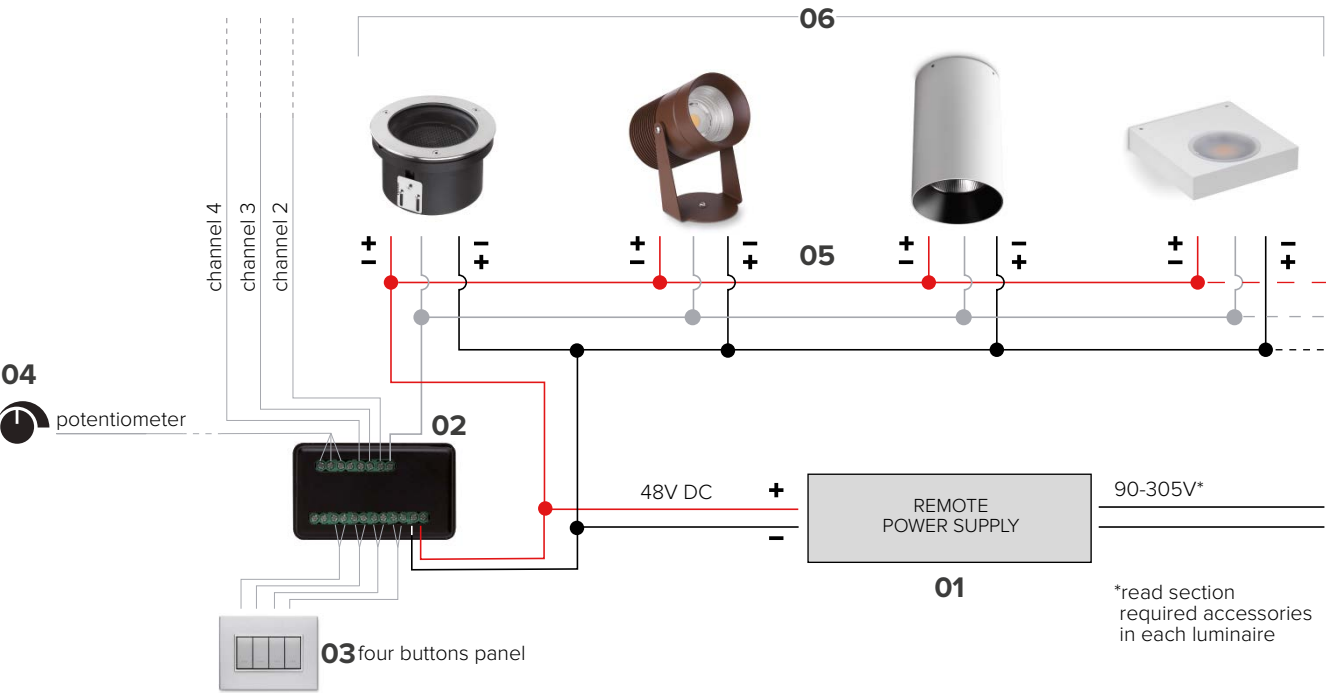
- 01 Switch ON/OFF
- 02 Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply. Choose the power supply considering the correct load and always add a spare 20% as safety margin
- 03 Unpolarized connection: B LIGHT luminaires do not require to observe the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



#02

DIMMING USING PUSH BUTTON  
OR POTENTIOMETER: 48V DC

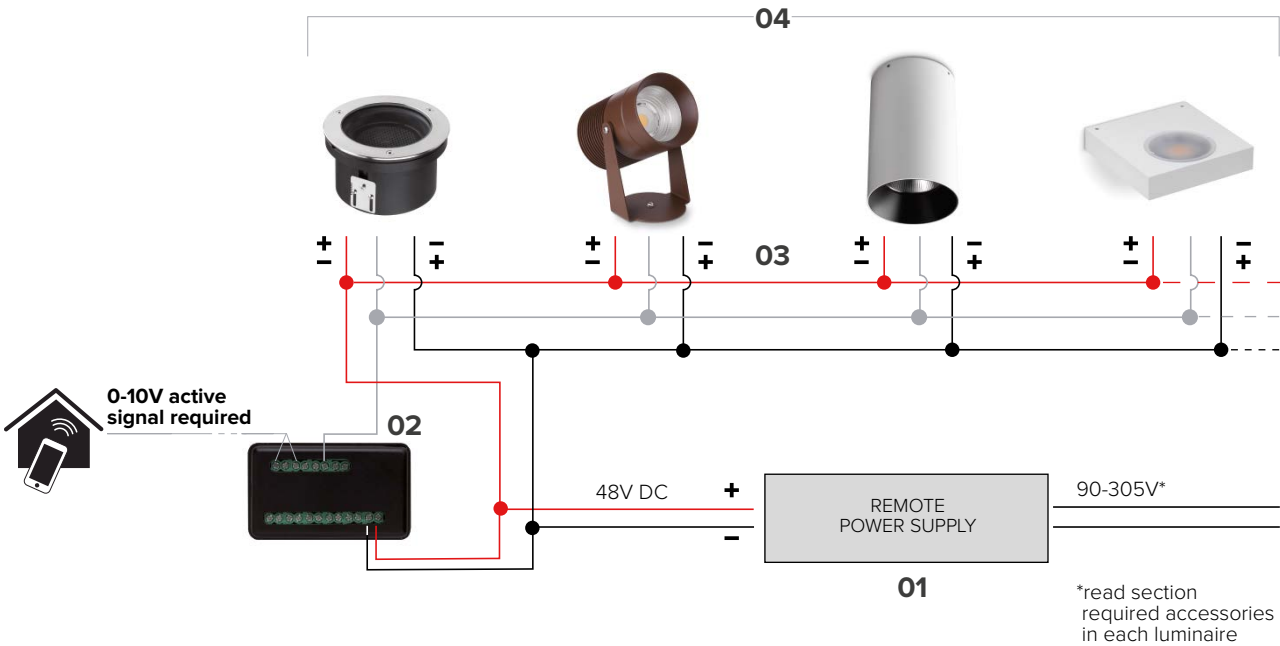
- 01 Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply. Choose the power supply considering the correct load and always add a spare 20% as safety margin
- 02 48V DC dimmer interface, SMART DIMM MASTER 1 (code 69102).  
**Works with B LIGHT's luminaires only**
- 03 Dimming using four push buttons. Four independent channels and check each luminaire into the catalogue for maximum number of fixture to connect
- 04 Dimming using potentiometer. One channel and check each luminaire into the catalogue for maximum number of fixture to connect
- 05 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 06 Luminaires **connected in parallel**



#03

0-10V DIMMING: 48V DC

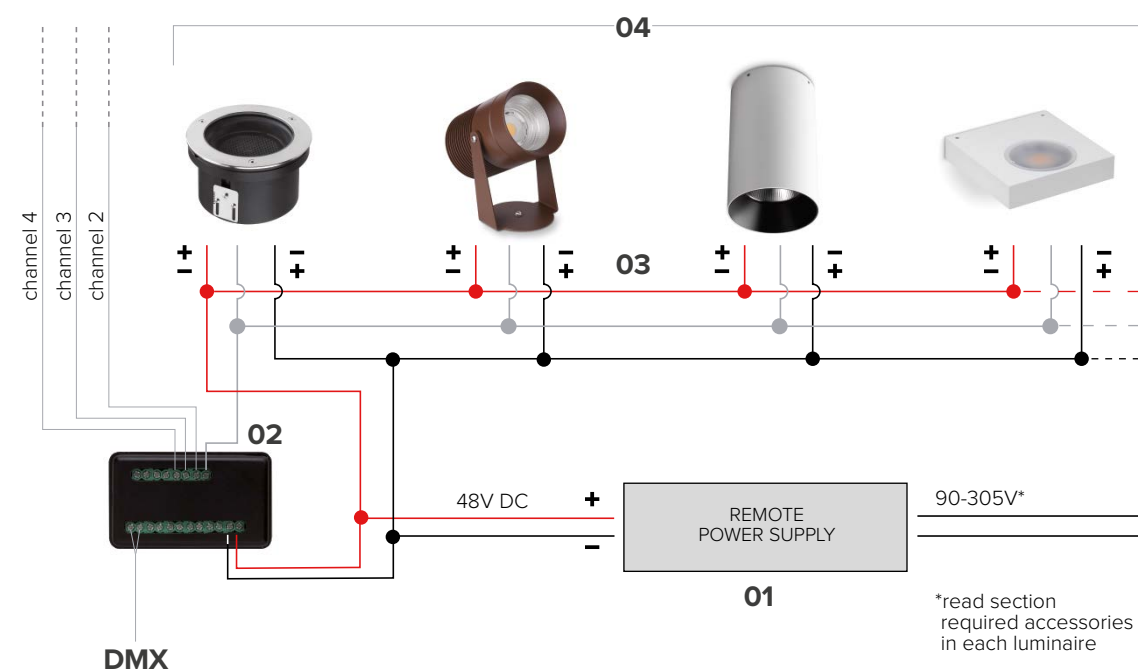
- 01 Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply. Choose the power supply considering the correct load and always add a spare 20% as safety margin
- 02 48V DC dimmer interface, SMART DIMM MASTER 1 (code 69102). One channel and check each luminaire into the catalogue for maximum number of fixtures to connect. **0-10V active signal required**
- 03 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04 Luminaires **connected in parallel**



## #04

## DMX DIMMING: 48V DC

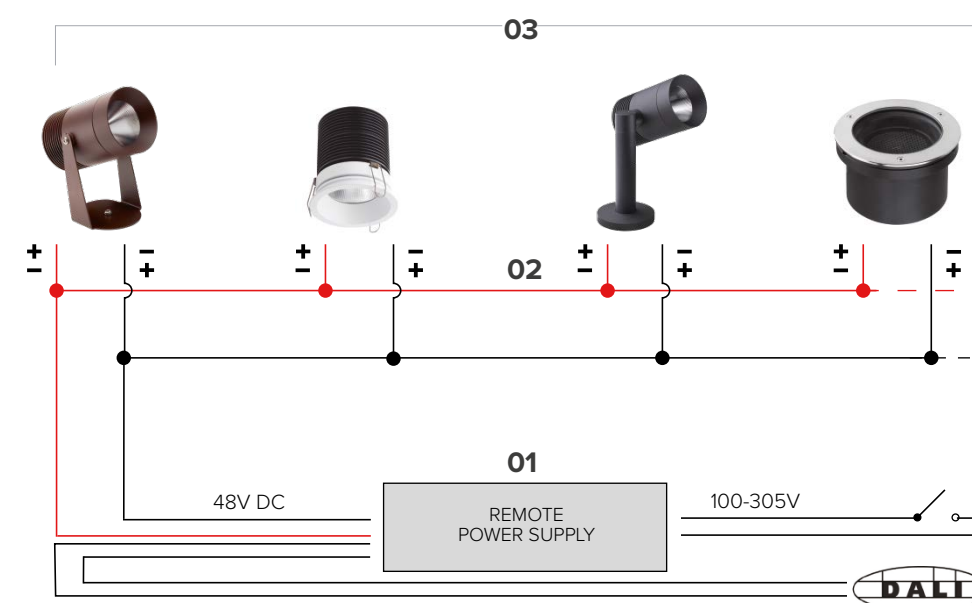
- 01 Read section required accessories in each luminaire and choose a 48V DC (constant voltage) power supply. Choose the power supply considering the correct load and always add a spare 20% as safety margin
- 02 48V DC dimmer interface, SMART DIMM SLAVE 1 (code 69103). Four independent channels and check each luminaire into the catalogue for maximum number of fixtures to connect.  
**When ordering the interface, send to B LIGHT the DMX addresses that need to be programmed into the interface. Addresses must be in progressive order (e.g. 1-2-3-4 or 31-32-33-34). The DMX controller switches the channels off**
- 03 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04 Luminaires **connected in parallel**



## #05

## ON/OFF DALI: 48V DC, IP67 POWER SUPPLY

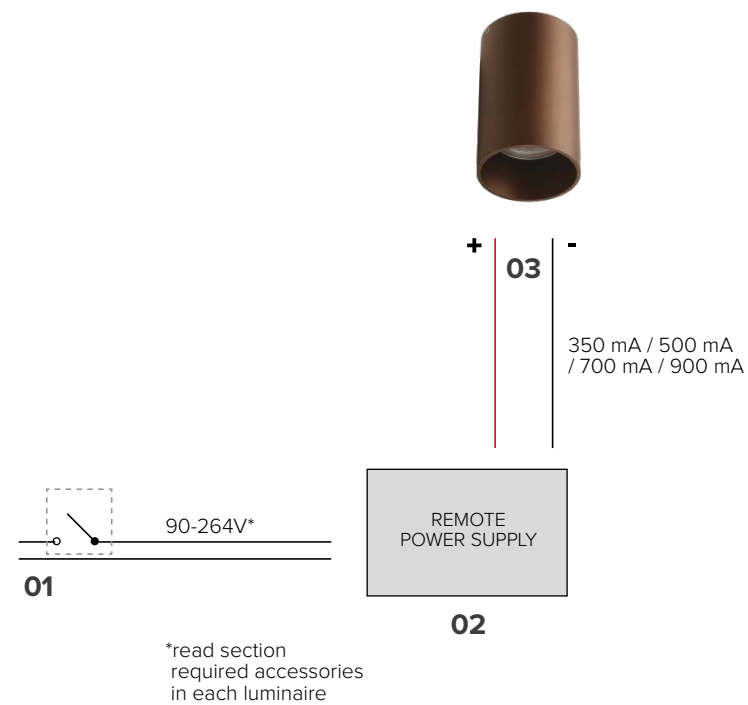
- 01 Read section required accessories in each luminaire and choose a **48V DC (constant voltage) DALI, IP67** power supply. Choose the power supply considering the correct load and always add a spare 20% as safety margin.  
**on / off ONLY**
- 02 Unpolarized connection: B LIGHT fixtures do not require to observe the polarity (+/-)
- 03 Luminaires **connected in parallel**



## #06

**ON/OFF: 350 mA / 500 mA / 700 mA / 900 mA**

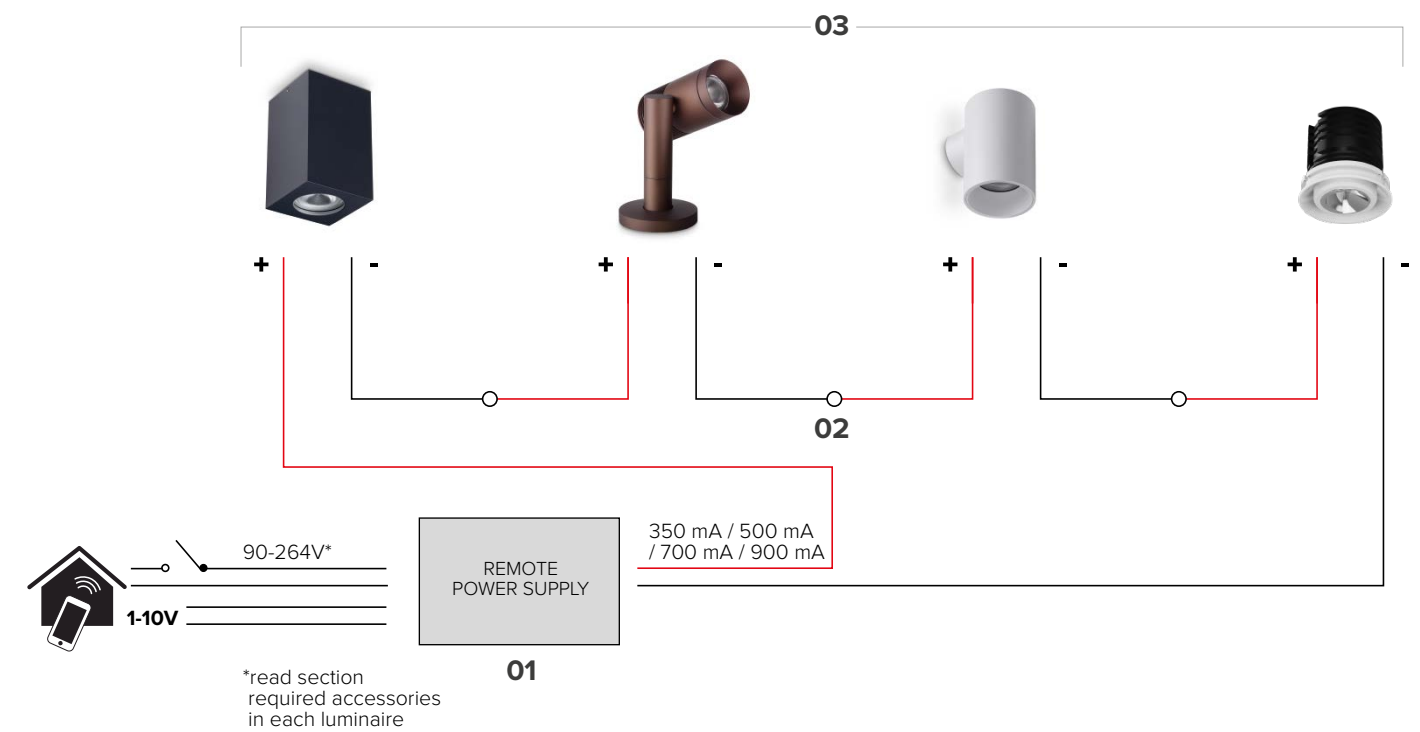
- 01** switch ON/OFF
- 02** Read section required accessories in each luminaire and choose a 350 mA / 500 mA / 700 mA / 900 mA (constant current) power supply or for North America a 350 mA / 500 mA / 700 mA / 900 mA (constant current) Class 2 power supply UL listed
- 03** When connecting the luminaire always observe the correct polarity (+/-). Failure to do so may destroy the luminaire



## #07

**1-10V DIMMING: 350 mA / 500 mA / 700 mA / 900 mA**

- 01** Read section required accessories in each luminaire and choose a 350 mA / 500 mA / 700 mA / 900 mA (constant current) 1-10V power supply or for North America a 350 mA / 500 mA / 700 mA / 900 mA (constant current) 1-10V Class 2 power supply UL listed
- 02** When connecting the luminaire always observe the correct polarity (+/-). Failure to do so may destroy the luminaire
- 03** Luminaires **connected in series**



#08

DALI: 350 mA / 500 mA / 700 mA / 900 mA

- 01 Read section required accessories in each luminaire and choose a 350 mA / 500 mA / 700 mA / 900 mA (constant current) DALI power supply
- 02 When connecting the luminaire always observe the correct polarity (+/-). Failure to do so may destroy the luminaire
- 03 Luminaires connected in series

