

PROJECT :

FIXTURE :

### ELUME HARDWIRED DIMMING MODULE : E-DIM/VDIM

- COMPATIBLE WITH ANY 0~10VDC CONTROL SIGNAL
- 0~100% SMOOTH, 256 LEVEL GRADUAL DIMMING
- COMPACT INLINE MODULE
- 12V ~ 36VDC INPUT
- MULTIPLE OUTPUTS
- CONTROL UPTO 20A LOAD
- PLUG & PLAY
- 1 YEAR WARRANTY

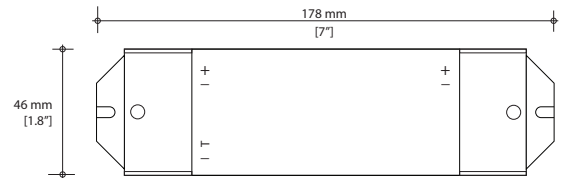


### ELUME 0~10VDC CONTROL SIGNAL DIMMING MODULE - MODEL: E-DIM/VDIM

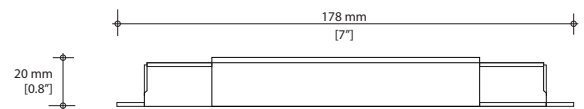
SPECIFICATIONS: \* PLEASE CONTACT ELUMINATION FOR FURTHER INFO

MODEL :	E-DIM/VDIM
DIMENSIONS :	178 x 20 x 46mm [7" x 0.8" x 1.8"]
DIMMING CONTROL SIGNAL :	0~10VDC
VOLTAGE INPUT :	12~36VDC
MAX AMPERAGE INPUT :	20.5A
VOLTAGE OUTPUT :	12~36VDC
OPERATING TEMP RANGE :	-20°C ~ +50°C
OPERATING ENVIRONMENT :	INDOOR ONLY
OUTPUT QUANTITY :	4 CHANNEL [CAN BE MULTIPLIED UTILIZING SPLITTERS]
TOTAL OUTPUT LOAD :	20A
GAUGE TOLERANCE :	0.5 ~ 1.5mm <sup>2</sup> [19AWG ~ 16 AWG]
RECOMMENDED DIMMER SWITCHES :	SEE BELOW WIRING SCHEMATICS
*SUPPLIED BY OTHERS	1. LUTRON NOVA NFTV 0~10VDC DIMMER SWITCH 2. COOPER DEVINE DF10P 0~10VDC DIMMER SWITCH
HARDWARE WARRANTY :	1 YEAR
SAFETY :	UL CERTIFIED - RU RECOGNIZED COMPONENT

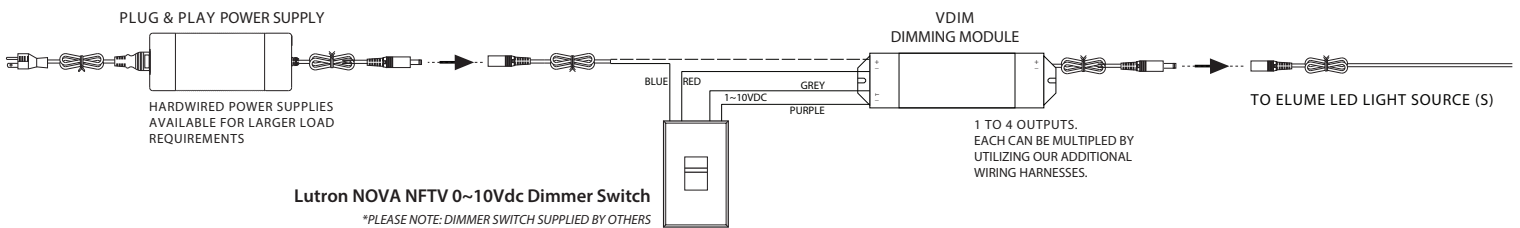
FRONT PROFILE:



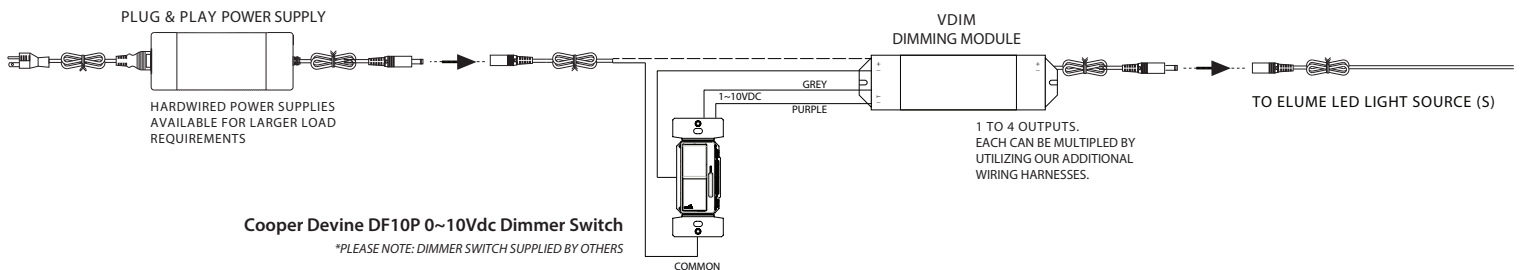
SIDE PROFILE:



PLUG & PLAY WIRING SCHEMATICS: LUTRON NOVA NFTV \* PLEASE CONTACT ELUMINATION FOR FURTHER INFO IF REQUIRED



PLUG & PLAY WIRING SCHEMATICS: COOPER DEVINE DF10P \* PLEASE CONTACT ELUMINATION FOR FURTHER INFO IF REQUIRED



### ORDERING SPECIFICATIONS: EXAMPLE : E-DIM/VDIM/1

MODEL#	TYPE:	OUTPUTS	PLEASE NOTE:
E-DIM	/VDIM - HARDWIRED 0~10VDC CONTROL SIGNAL	/1 - 1 OUTPUT /2 - 2 OUTPUTS /3 - 3 OUTPUTS /4 - 4 OUTPUTS /C - CUSTOM - PLEASE CONTACT US	*FOR ALL CUSTOM CONFIGURATIONS WE HIGHLY RECOMMEND CONTACTING ELUMINATION PRIOR TO SPECIFICATION TO ENSURE ALL MATERIAL AND HARDWARE REQUIREMENTS ARE PROPERLY MET.

## LED LIGHTING SOLUTIONS...

PROJECT :

FIXTURE :

### ELUME WIRELESS REMOTE DIMMING MODULE : E-DIM/SDIM

- CONTROL 1 ZONE OR MULTIPLE ZONES WITH 1 REMOTE
- MULTIPLE WIRELESS DIMMING CONTROL OPTIONS
- COMPACT INLINE MODULE
- 12V ~ 36VDC INPUT
- MULTIPLE OUTPUT CHANNELS
- CONTROL UPTO 20A LOAD
- PLUG & PLAY
- 1 YEAR WARRANTY

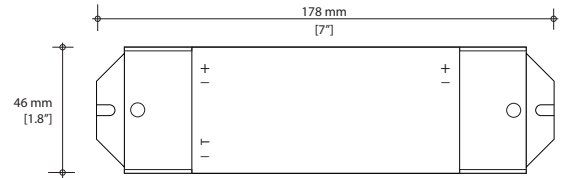


### ELUME WIRELESS REMOTE CONTROL DIMMING MODULE - MODEL: E-DIM/SDIM

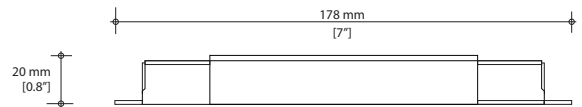
SPECIFICATIONS: \* PLEASE CONTACT ELUMANATION FOR FURTHER INFO

MODEL :	E-DIM/SDIM
DIMENSIONS :	178 x 20 x 46mm [7" x 0.8" x 1.8"]
DIMMING CONTROL SIGNAL :	WIRELESS RF
VOLTAGE INPUT :	12~36VDC
MAX AMPERAGE INPUT :	20.5A
VOLTAGE OUTPUT :	12~36VDC
OPERATING TEMP RANGE :	-20°C ~ +50°C
OPERATING ENVIRONMENT:	INDOOR ONLY
OUTPUT QUANTITY :	4 CHANNEL [CAN BE MULTIPLIED UTILIZING SPLITTERS]
TOTAL OUTPUT LOAD :	20A
GAUGE TOLERANCE:	0.5 ~ 1.5mm <sup>2</sup> [19AWG ~ 16 AWG]
WIRELESS CONTROL OPTIONS:	R1. TOUCH SLIDER REMOTE
*SUPPLIED BY ELUMANATION	R2. 10 CHANNEL REMOTE
	R3. WIRELESS ROTARY DIMMER SWITCH
HARDWARE WARRANTY :	1 YEAR
SAFETY :	UL CERTIFIED - RU RECOGNIZED COMPONENT

FRONT PROFILE:



SIDE PROFILE:



WIRELESS CONTROL OPTIONS: \*1 REMOTE CONTROL REQUIRED TO ADDRESS ONE OR MULTIPLE DIMMING MODULES

**R1. TOUCH SLIDER REMOTE**

PAIR A SINGLE OR MULTIPLE LUMINAIRES TO A SINGLE CHANNEL TO CONTROL A SINGLE ZONE.

MULTIPLE LUMINAIRE DIMMING ACHIEVED BY MULTIPLE DIMMING MODULES.

PRESS POWER FOR POWER ON/OFF.

TOUCH ILLUMINATION LEVEL TO SET DESIRED DIMMING LEVEL.

10 STEP DIMMING : 0 to 100% in 10% INCREMENTS

**R2. 10 CHANNEL REMOTE**

PAIR A SINGLE OR MULTIPLE LUMINAIRES TO A SINGLE OR MULTIPLE CHANNELS TO CONTROL A SINGLE OR MULTIPLE ZONES.

MULTIPLE ZONE DIMMING ACHIEVED BY MULTIPLE DIMMING MODULES.

PRESS CHANNEL FOR POWER ON/OFF.

HOLD & RELEASE CHANNEL TO SET DESIRED DIMMING LEVEL.

GRADUAL DIMMING : 0 - 100%

**R3. WIRELESS ROTARY DIMMER SWITCH**  
(FLUSH MOUNTED OR STAND ALONE)

PAIR A SINGLE OR MULTIPLE LUMINAIRES TO A SINGLE CHANNEL TO CONTROL A SINGLE ZONE.

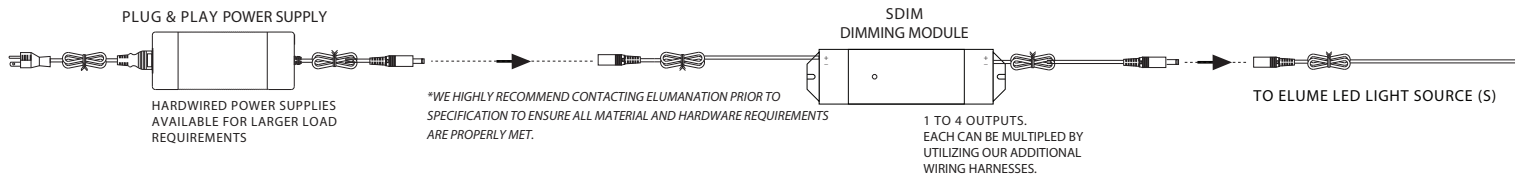
MULTIPLE LUMINAIRE DIMMING ACHIEVED BY MULTIPLE DIMMING MODULES.

PRESS DIAL FOR POWER ON/OFF.

ROTATE DIAL TO SET DESIRED DIMMING LEVEL.

15 STEP DIMMING : 0 to 100% in 7% INCREMENTS

PLUG & PLAY WIRING SCHEMATICS: \* PLEASE CONTACT ELUMANATION FOR FURTHER INFO IF REQUIRED



#### ORDERING SPECIFICATIONS: EXAMPLE : E-DIM/SDIM/1

MODEL#	TYPE:	OUTPUTS	WIRELESS CONTROL OPTIONS	PLEASE NOTE:
E-DIM	/SDIM - WIRELESS REMOTE CONTROL	/1 - 1 OUTPUT /2 - 2 OUTPUTS /3 - 3 OUTPUTS /4 - 4 OUTPUTS /C - CUSTOM - PLEASE CONTACT US	/R1 - TOUCH SLIDER REMOTE /R2 - 10 CHANNEL REMOTE /R3 - WIRELESS ROTARY DIMMER SWITCH (FLUSH MOUNTED OR STAND ALONE) *WE HIGHLY RECOMMEND CONTACTING ELUMANATION PRIOR TO SPECIFICATION TO ENSURE ALL MATERIAL AND HARDWARE REQUIREMENTS ARE PROPERLY MET.	*FOR ALL CUSTOM CONFIGURATIONS WE HIGHLY RECOMMEND CONTACTING ELUMANATION PRIOR TO SPECIFICATION TO ENSURE ALL MATERIAL AND HARDWARE REQUIREMENTS ARE PROPERLY MET.

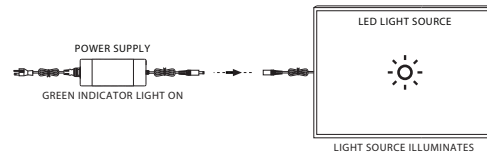
PROJECT :

FIXTURE :

### ELUME WIRELESS REMOTE CONTROL DIMMING MODULE - REMOTE PAIRING GUIDE

#### STEP 1

Prior to the first attempt of pairing the dimming module to the remote ensure that the power supply and LED light source are functioning as intended. Remove the dimming module from the circuit and connect the LED light source directly to the power supply to ensure the LED light source successfully illuminates. If the LED light source illuminates proceed to step 2.



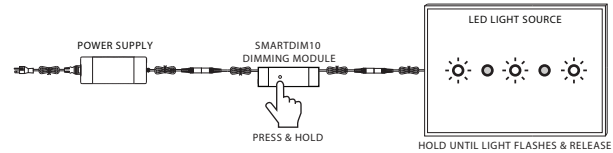
#### STEP 2

Connect the dimming module inline between the power supply and LED light source. Regardless if the LED light source illuminates or not after connecting the dimming module ensure that the power supply is powered, the dimming module is properly connected inline between the power supply and LED light source and proceed to step 3.



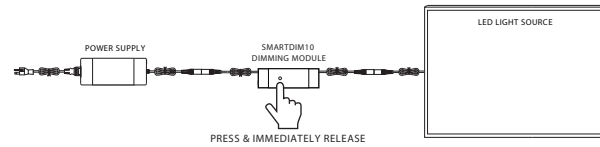
#### STEP 3

Reset the dimming module. Press and hold the "Learning Key" on the dimming module for up to 10 seconds until the LED light source flashes. After the LED light source flashes release the "Learning Key" and proceed to step 4. If the LED light source does not flash release the "Learning Key" and repeat step 3 on until the LED light source successfully flashes before proceeding to step 4.



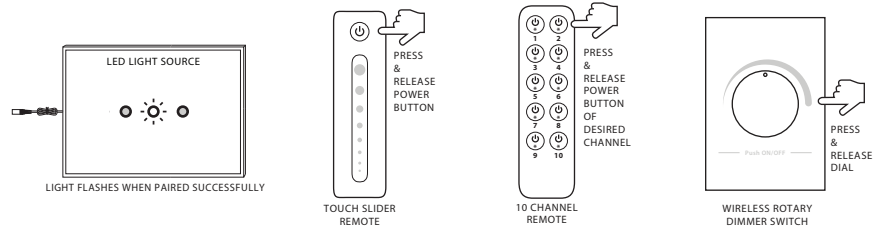
#### STEP 4

Press and immediately release the "Learning Key" and proceed to step 5.



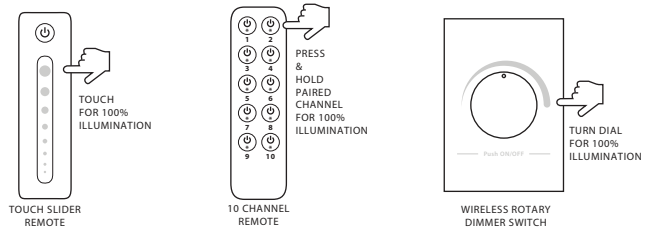
#### STEP 5

Press and release the "Power" button on the remote to pair the dimming module to the remote control. If utilizing a SmartDim10 remote with multiple channels ensure you press the "Power" button on the channel you wish to associate with that specific dimming module. The LED light source will flash to indicate a successful pairing of the dimming module to the remote and you may now utilize the remote control as required. If pairing multiple dimming modules to a single channel proceed to step 6. If pairing multiple panels to multiple channels repeat step 2 on with each dimming module pairing to your intended channel. If the LED light source fails to flash after one attempt return to step 3.



#### STEP 6

Repeat step 1 on until the additional dimming module is successfully paired with dimming module on the same channel as the previously paired dimming module. Repeat step 1 on with additional dimming modules as required. After all dimming modules are successfully paired ensure that all dimming modules are powered and illuminate all paired dimming modules to 100% illumination via the remote control. This will ensure synchronicity between all paired dimming modules to your remote's intended channel.



#### TROUBLESHOOT : STEP 2

If the LED light source will not flash after repeated attempts of step 2 disconnect the dimming module and connect the power supply directly to the LED light source. If the LED light source illuminates when the dimming module is bypassed this indicates both the power supply and LED light source are functioning as intended and the pairing issue is only with the dimming module. Reconnect the dimming module inline between the powered power supply and attempt step 2 again. If after determining that the power supply and LED light source are functioning as intended and step 2 still fails to flash contact Elumination or proceed to troubleshoot by opening the dimming modules wiring cover plates and ensure that all wiring input connections are connected as required. If all wiring connections are connected and the dimming module will not operate as intended we request that you contact Elumination in regards to resolving the issue.

#### TROUBLESHOOT : STEP 5

If all prior steps function as noted the issue is isolated to the remote control. Replace the remote control's battery and repeat step 3 on. If step 5 continues to fail we request that you contact Elumination in regards to resolving the issue.