BRUCK LIGHTING SYSTEMS
15774 Gateway Circle Tustin, CA. 92780
www.brucklighting.com

For more assistance with technical questions please call our technical support staff at (714) 259-9959. You can also contact us by email at info@brucklighting.com.

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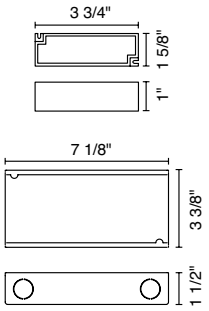
TECHNICAL

20W 700mA LED DRIVER



TECHNICAL SPECIFICATIONS

100-130V AC, 50/60Hz input
700mA DC constant current output

Class II rated
Suitable for damp location (enclosure version dry only)
150 ft. max to fixture(s)
Short circuit protection
Overload protection
Over-voltage protection
Thermal protection

PART NUMBERS

70417-700 20W, 700mA LED Driver
P70417-700 20W, 700mA LED Driver with enclosure

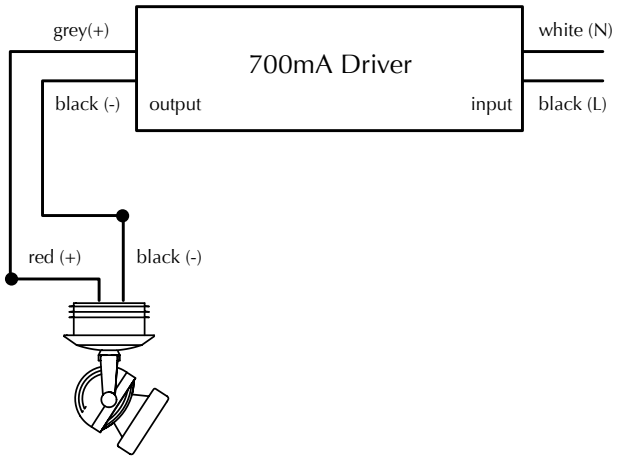
IMPORTANT SAFETY INSTRUCTIONS

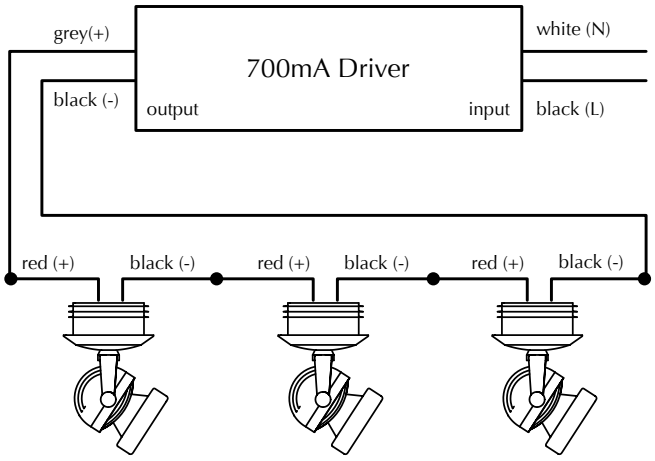
1. **READ AND FOLLOW THESE WARNINGS AND INSTRUCTIONS BEFORE INSTALLING OR MAINTAINING THIS PRODUCT.**
2. **TURN OFF POWER PRIOR TO ANY WORK ON THE SYSTEM OR PRODUCT.**
3. **DO NOT INSTALL THIS PRODUCT IN DAMP OR WET LOCATIONS.**
4. THIS PRODUCT MUST BE INSTALLED BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED, IN ACCORDANCE WITH THE APPLICABLE LOCAL AND NEC CODE.
5. Warranty is void in case of unauthorized modifications and/ or improper use.
6. Save these instructions and refer to them when additions to changes or services to the fixture or system are made.

⚠ SAVE THESE INSTRUCTIONS ⚠

DRIVER MATRIX ON REVERSE SIDE

INSTALLATION INSTRUCTIONS





INSTRUCTIONS FOR INSTALLATION

1. WARNING: Not following these instructions will result in damage to the LED fixture(s) and/or LED Driver, and is not covered under warranty.

2. Do not connect LED fixture(s) to this driver while it is energized. Leave power off.

3. When connecting more than one LED fixture, they must be connected in series wiring (see illustration).

4. Only use the stated number of LED fixtures for this Driver, as listed in the Driver Matrix on reverse side.

5. Verify the LED fixture(s) are compatible with this Driver's ratings (i.e. 700mA Driver, 700mA Fixture).

6. Use 18 - 20 gauge wire between Driver and Fixture(s).

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LED DRIVER MATRIX

LED FIXTURES

DRIVERS		Chroma R 6.5W	Chroma R 12.4W	Ledra Trio Chroma R2 6.5W	Ledra R Ledra 12 Ledra 12C Ledra Display Ledra Flex Display	Ledra 6 Ledra Ice Ledra Uno Ledra Duo Ledra Quattro Ledra Orbi	Ledra G3	Ledra G6
700mA	part # : **70415-700** **P70415-700** power spec : 100-240V 700mA 3W				1 fixture			
700mA	part # : **70417-700** **P70417-700** power spec : 100-120V 700mA 20W	1-2 fixtures	1 fixture	1-2 fixtures	2-5 fixtures			
700mA	part # : **70418-700** **P70418-700** power spec : 100-277V 700mA 40W			2-3 fixtures	6-10 fixtures			
700mA	part # : **70432-700** **P70432-700** power spec : 120-277V 700mA 7W	1 fixture		1 fixture	1=3 fixtures			
700mA	part # : **70453-700** **P70453-700** power spec : 120V 700mA 36W triac/ELV dimming			1-4 fixtures	3-12 fixtures			
700mA	part # : **70456-700** **P70456-700** power spec : 120V 700mA 20W 0-10v dimming	1-2 fixtures	1 fixtures	1-2 fixtures	2-7 fixtures			
700mA	part # : **70451-700** **P70451-700** power spec : 120-277V 700mA 20W x 12ch 0-10v dimming	1-2 fixtures x 12ch	1 fixture x 12ch	1-2 fixtures x 12ch	2-7 fixtures x 12ch			
500mA	part # : **70455-500** **P70455-500** power spec : 100-240V 500mA 12W					1-6 fixtures		
500mA	part # : **70453-500** **P70453-500** power spec : 120V 500mA 26W triac/ELV dimming					3-12 fixtures		
350mA	part # : **70455-350** **P70455-350** power spec : 100-240V 350mA 12W						1-3 fixtures	1 fixture
350mA	part # : **70453-350** **P70453-350** power spec : 120V 350mA 18W triac/ELV dimming						1-4 fixtures	1-2 fixtures
350mA	part # : **70451-350** **P70451-350** power spec : 120-277V 350mA 18W x 12ch 0-10v dimming						2-4 fixtures x 12ch	1-2 fixtures x 12ch