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4” ProTools Cylinders (Square)

Driver Informational Chart

Prefix R = Remote

REMOTE	DRIVER PART NUMBER	DRIVER WATTAGE	CONTROL PROTOCOL	DIMMING LEVEL	FIXTURES PER DRIVER					
					L [6.3W (350mA)]	M [9W (250mA)]	H [12W (350mA)]	L (WD) [6W (350mA)]	M (WD) [8.3W (250mA)]	H (WD) [12W (350mA)]
	RS010	22W	0-10V	1%	1 -- 2	1	1	1 -- 2	1	1
		50W	0-10V	1%	1 -- 2	1	1	1 -- 2	1	1
		100W	0-10V	1%	1 -- 4	1 -- 2	1 -- 2	1 -- 4	1 -- 2	1 -- 2
	RD010	22W	0-10V	0.1%	1 -- 2	1	1	1 -- 2	1	1
		50W	0-10V	0.1%	1 -- 4	1 -- 2	1 -- 2	1 -- 4	1 -- 2	1 -- 2
		100W	0-10V	0.1%	1 -- 8	1 -- 4	1 -- 4	1 -- 8	1 -- 4	1 -- 4
	RSPH	20W	Triac / ELV	3%	1 -- 2	-	1	1 -- 2	-	1
	RPEQ0	20W	EcoSystem	0.1%	1 -- 2	1	1	1 -- 2	1	1
RD2S	22W	DALI-2 (DT6)	0.1%	1 -- 2	1	1	1 -- 2	1	1	
	50W	DALI-2 (DT6)	0.1%	1 -- 4	1 -- 2	1 -- 2	1 -- 4	1 -- 2	1 -- 2	
	100W	DALI-2 (DT6)	1%	1 -- 4	1 -- 2	1 -- 2	1 -- 4	1 -- 2	1 -- 2	

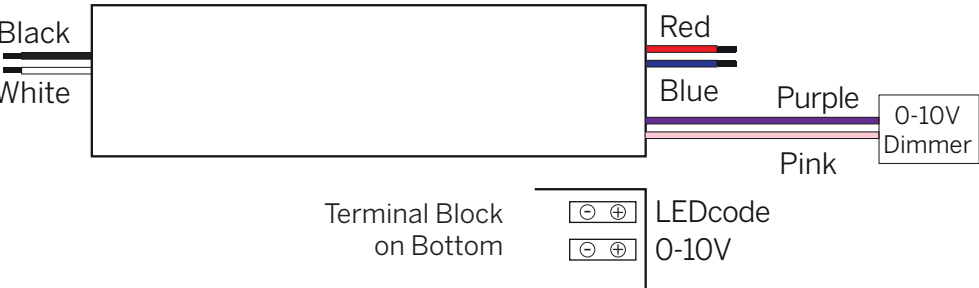
Please refer to driver manufacturer’s website for current data sheets and wiring guidelines.

4" ProTools Cylinders (Square)

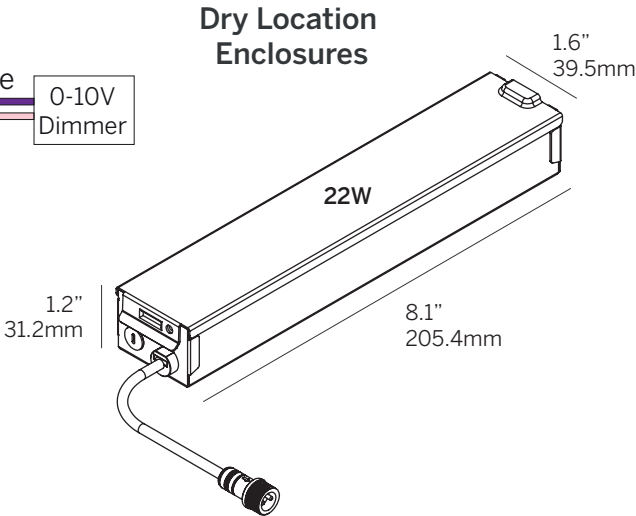
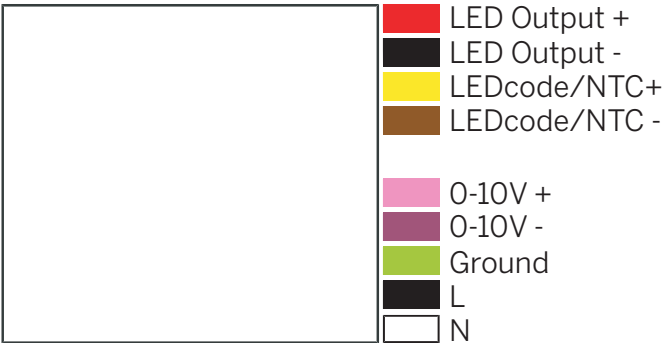
0-10V Driver/Wiring Information

RS010 = eldoLED 0-10V 1% dimming, 120-277V
22W

IMPORTANT: All fixtures must be wired in series!

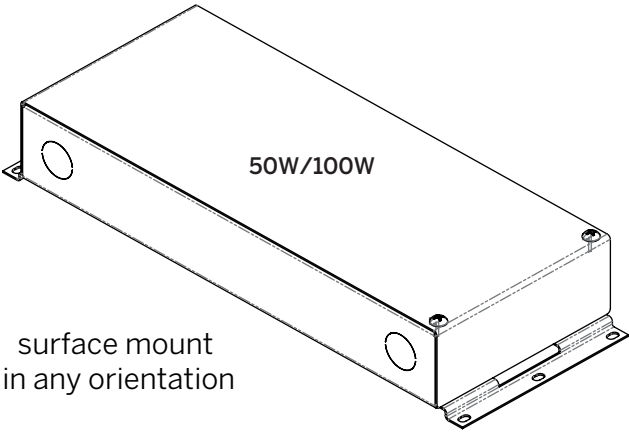
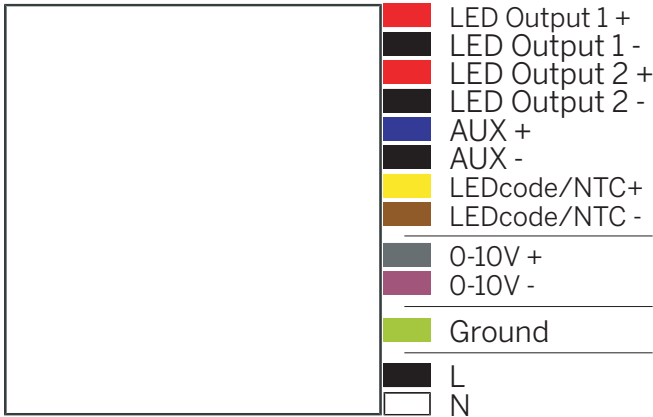


50W



Driver Box has (1) knock-out on end opposite power cable for Trade Size ½ conduit (Ø7/8")

100W



Driver Box has (4) knock-outs: (2) on each side for Trade Size ½ conduit (Ø7/8")

Wire Gauge	Maximum Wiring Distance ¹
AWG 20 (0.52 mm²)	46 ft (14 m)
AWG 19 (0.65 mm²)	59 ft (18 m)
AWG 18 (0.82 mm²)	72 ft (22 m)
AWG 17 (1.04 mm²)	92 ft (28 m)
AWG 16 (1.31 mm²)	118 ft (36 m)

¹Actual distance must be calculated by installer. Must comply with NEC code.

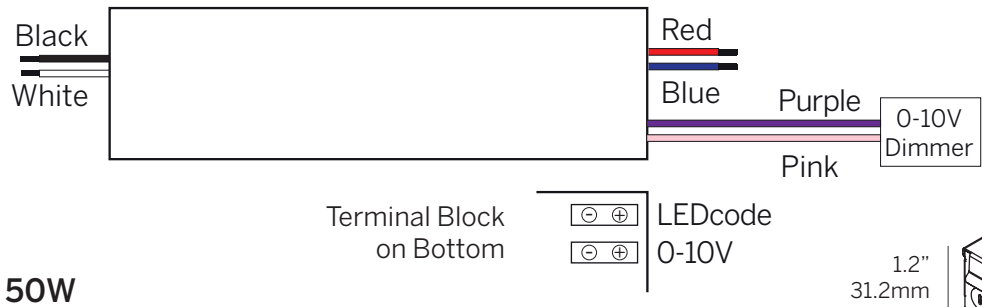
4" ProTools Cylinders (Square)

0-10V Driver/Wiring Information

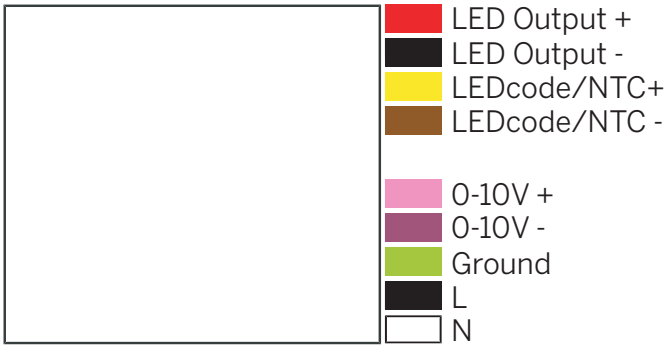
RD010 = Remote eldoLED 0.1% 0-10V dimming, 120-277V

22W

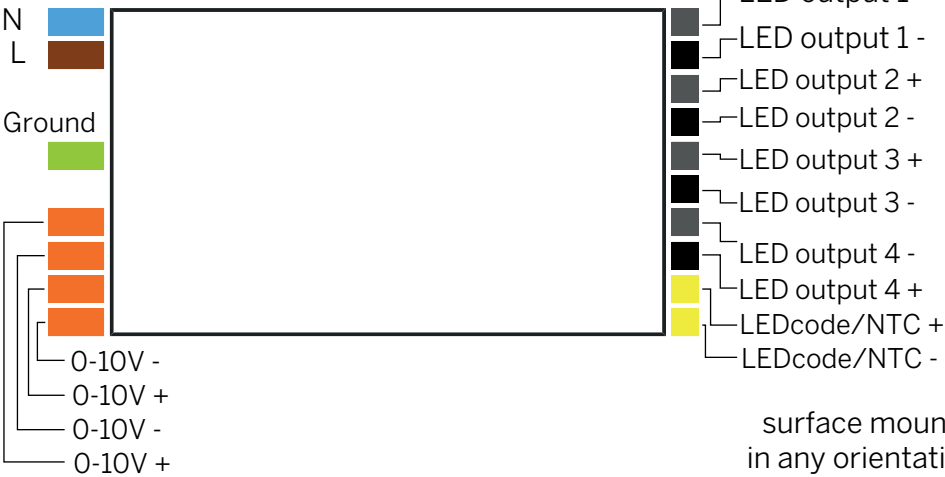
IMPORTANT: All fixtures must be wired in series!



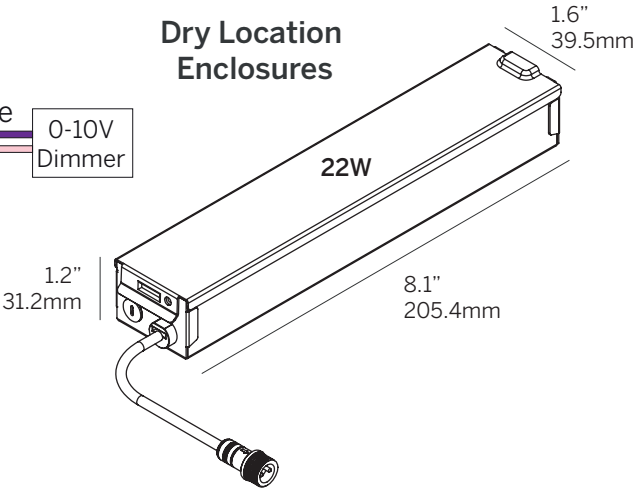
50W



100W

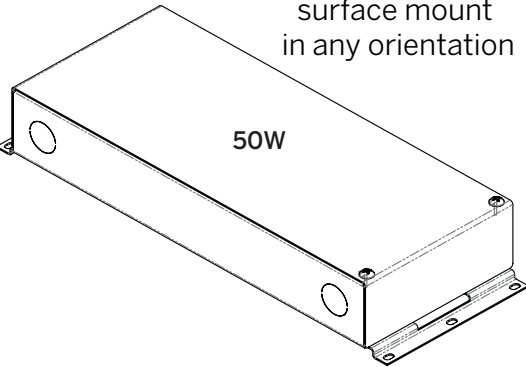


Dry Location Enclosures



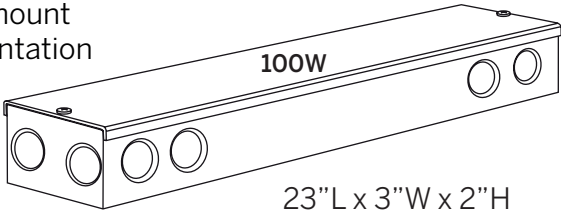
Driver Box has (1) knock-out on end opposite power cable for Trade Size ½ conduit (7/8")

surface mount in any orientation



Driver Box has (4) knock-outs: (2) on each side, Trade Size ½ conduit (Ø7/8")

surface mount in any orientation



Driver Box has (12) knock-outs: (4) on each long side, (2) at each end for Trade Size ½ conduit (Ø7/8").

Wire Gauge	Maximum Wiring Distance ¹
AWG 20 (0.52 mm ²)	46 ft (14 m)
AWG 19 (0.65 mm ²)	59 ft (18 m)
AWG 18 (0.82 mm ²)	72 ft (22 m)
AWG 17 (1.04 mm ²)	92 ft (28 m)
AWG 16 (1.31 mm ²)	118 ft (36 m)

¹Actual distance must be calculated by installer. Must comply with NEC code.

4" ProTools Cylinders (Square)

0-10V Compatible Dimmers

Compatible 0-10V dimmers and switches*

DIMMER MANUFACTURER	WEBSITE	TYPE	RECOMMENDED DIMMING CURVE
Busch-Jaeger	www.busch-jaeger.de	2112U-101	Logarithmic
Jung	www.gb.jung.de	240-10	Logarithmic
Leviton Lighting Controls	www.leviton.com	IllumaTech - IP710-DLX	Logarithmic
Lightolier Controls	www.lightolier.com	ZP600FAM120	Logarithmic
Lutron Electronics	www.lutron.com/LEDtool	Nova T - NTFTV Diva - DDTV Diva - NFTV	Linear Linear Linear
Merten	www.merten.de	5729	Logarithmic
Pass & Seymour	www.legrand.us	CD4FB-W	Logarithmic
The Watt Stopper	www.wattstopper.com	DCLV1	Logarithmic
Sensor Switch	www.sensorswitch.com	nIO EZ	Linear
Synergy	www.synergylightingcontrols.com	ISD BC	Logarithmic

Compatible 0-10V dimming control systems*

CONTROL MANUFACTURER	WEBSITE	TYPE	RECOMMENDED DIMMING CURVE
Lutron Electronics	www.lutron.com/LEDtool	GraphicEye - GRX-TVI w GRX3503 Energy Savr Node - QSN-4T16-S TVM2 Module Linear	Linear Linear Linear
Crestron	www.crestron.com	GLX-DIMFLV8 GLXP-DIMFLV8 GLPAC-DIMFLV4-* GLPAC-DIMFLV8-* GLPP-DIMFLVEX-PM GLPP-1DIMFLV2EX-PM GLPP-1DIMFLV3EX-PM L DIN-AO8 DIN-4DIMFLV4 CLS-EXP-DIMFLV CLCI-1DIMFLV2EX	Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic
ABB	www.abb.com/KNX	IllumaTech - IP710-DLX	Logarithmic

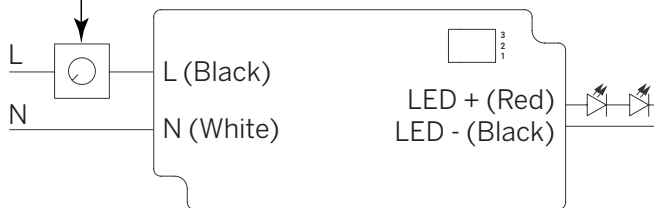
* Compatibility with dimmers and controls systems not included in the above can be verified upon request. Please contact us and provide data sheets for the specified dimmer or control system.

4" ProTools Cylinders (Square)

Phase & Lutron EcoSystem Driver/Wiring Information

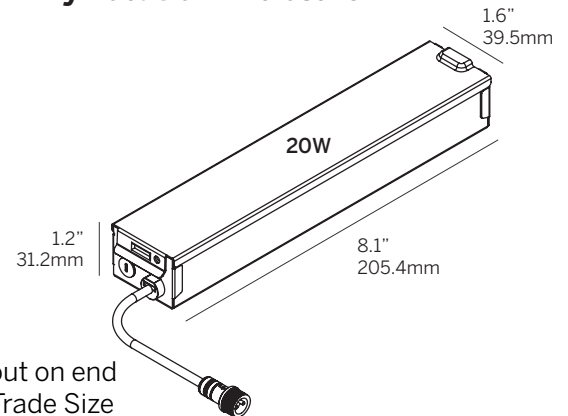
RSPH = Phase (2-wire) 3% dimming, 120V only

20W TRIAC Dimmer



IMPORTANT: All fixtures must be wired in series!

Dry Location Enclosure



Wire Gauge	Maximum Wiring Distance ¹
AWG 20 (0.52 mm ²)	46 ft (14 m)
AWG 19 (0.65 mm ²)	59 ft (18 m)
AWG 18 (0.82 mm ²)	72 ft (22 m)
AWG 17 (1.04 mm ²)	92 ft (28 m)
AWG 16 (1.31 mm ²)	118 ft (36 m)

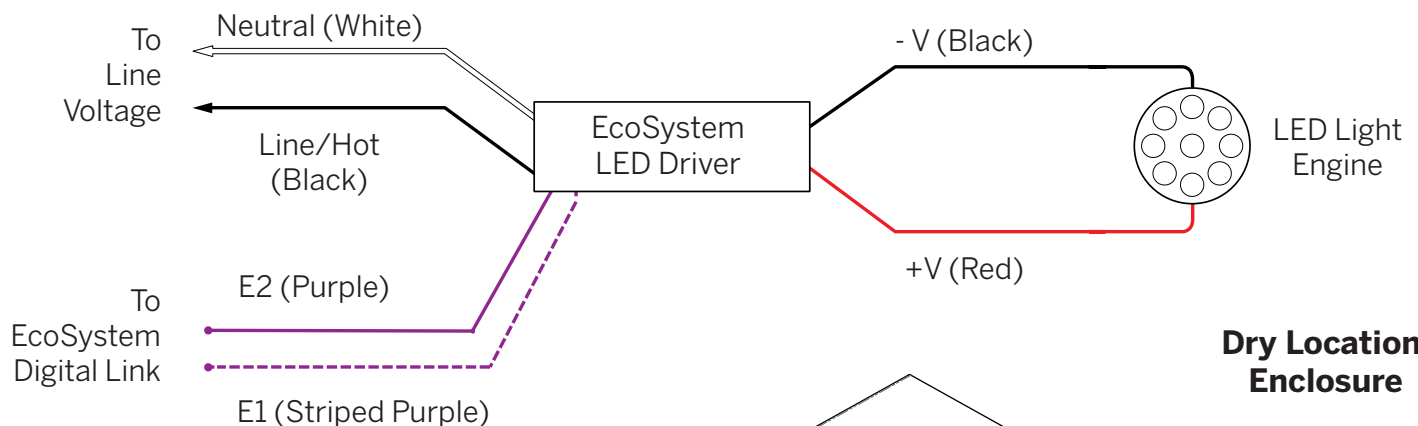
Driver Box has (1) knock-out on end opposite power cable for Trade Size ½ conduit (Ø7/8")

¹Actual distance must be calculated by installer. Must comply with NEC code.

RPEQO = Remote Lutron Hi-Lume Premier 0.1% EcoSystem, 120-277V

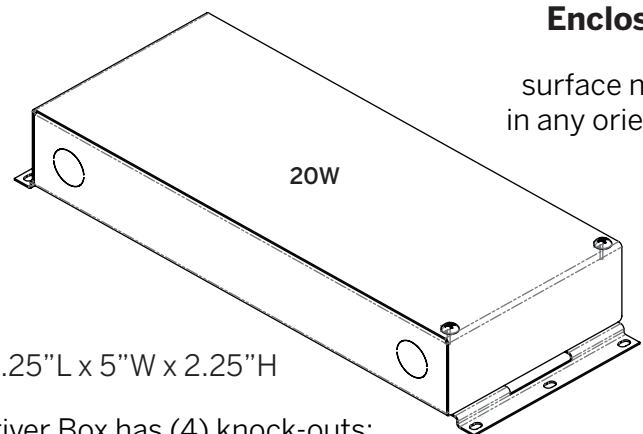
20W

IMPORTANT: All fixtures must be wired in series!



Dry Location Enclosure

surface mount in any orientation



13.25" L x 5" W x 2.25" H

Driver Box has (4) knock-outs: (2) on each side for Trade Size ½ conduit (Ø7/8")

Wire Gauge	Maximum Wiring Distance ¹
AWG 20 (0.52 mm ²)	46 ft (14 m)
AWG 19 (0.65 mm ²)	59 ft (18 m)
AWG 18 (0.82 mm ²)	72 ft (22 m)
AWG 17 (1.04 mm ²)	92 ft (28 m)
AWG 16 (1.31 mm ²)	118 ft (36 m)

¹Actual distance must be calculated by installer. Must comply with NEC code.

4" ProTools Cylinders (Square)

Lutron EcoSystem Compatible Dimming & DALI Driver/Wiring Information

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RPEQO = Remote Lutron Hi-Lume Premier 0.1% EcoSystem, 120-277V
(Continued)

IMPORTANT: All fixtures must be wired in series!

Compatible Controls for Lutron Hi-Lume Premier 0.1% EcoSystem, 120-277V

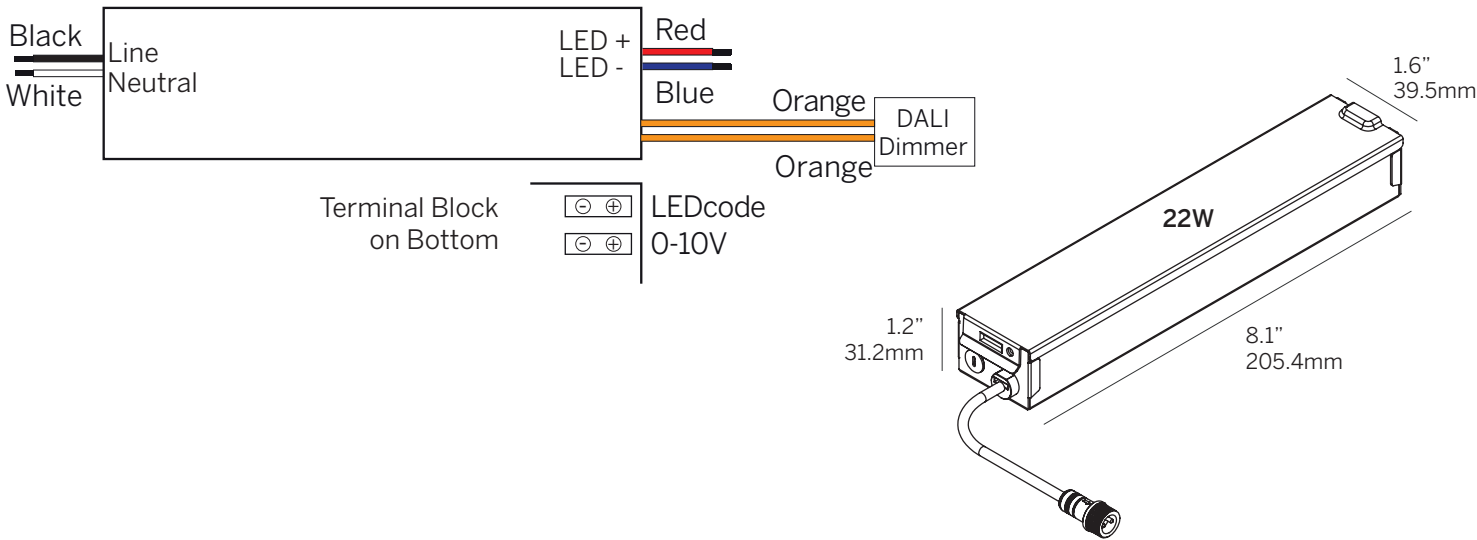
Lutron EcoSystem Compatible Controls	Part Number		Drivers per Control		
	120 V~	277 V~	EcoSystem Loops per Control	Drivers per EcoSystem Loop	Maximum Drivers per Control
PowPak Dimming Modules	RMJ-ECO32-DV-B		1	32	32
	FCJ/FCJS-ECO ¹		1	3	3
Energi Savr Node	QSN-1ECO-S	N/A	1	64	64
	QSN-2ECO-S		2	64	128
GRAFIK Eye QS / HomeWorks QS control unit	QSGRJ-_E (wireless) QSGR-_E	N/A	1	64	64
Quantum Hub	QP2-__2C	N/A	2	64	128
	QP2-__4C		4	64	256
	QP2-__6C		6	64	384
	QP2-__8C		8	64	512

¹ All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command. For more detail on adjusting low-end light level refer to Application Note #556 (048556) at www.lutron.com

RD2S = Remote eldoLED DALI-2 (DT6) for Static White
0.1% dimming, 120-277V

IMPORTANT: All fixtures must be wired in series!

22W



Driver Box has (1) knock-out on end opposite power cable for Trade Size ½ conduit (Ø7/8")

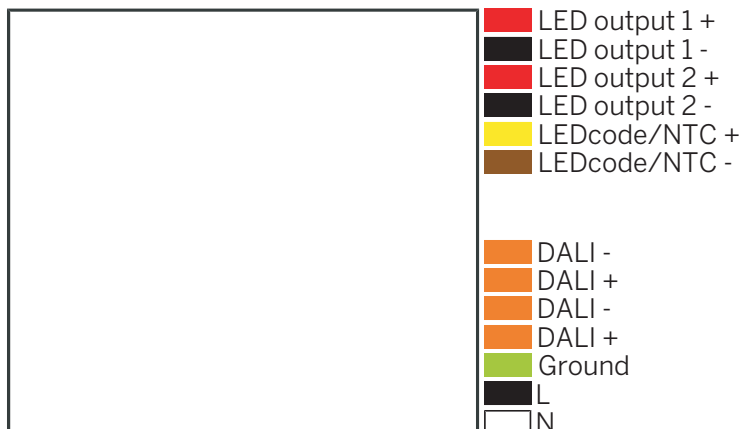
4" ProTools Cylinders (Square)

DALI Driver/Wiring Information (continued)

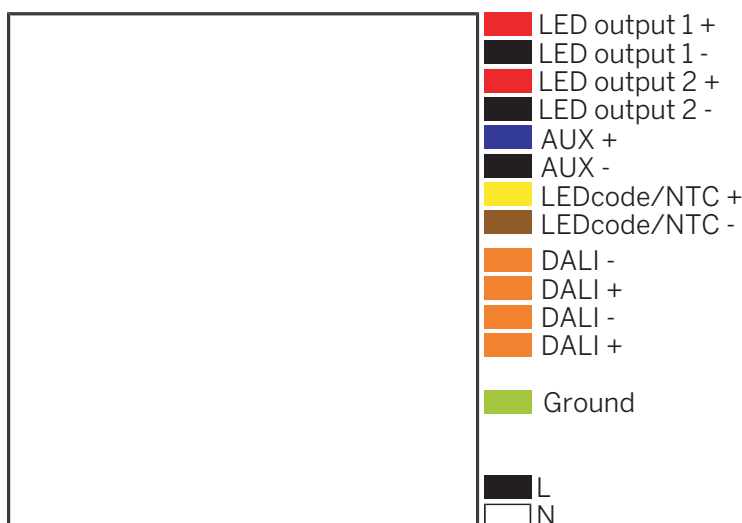
RD2S = Remote eldoLED DALI-2 (DT6) for Static White
0.1% dimming, 120-277V

IMPORTANT: All fixtures
must be wired in series!

50W

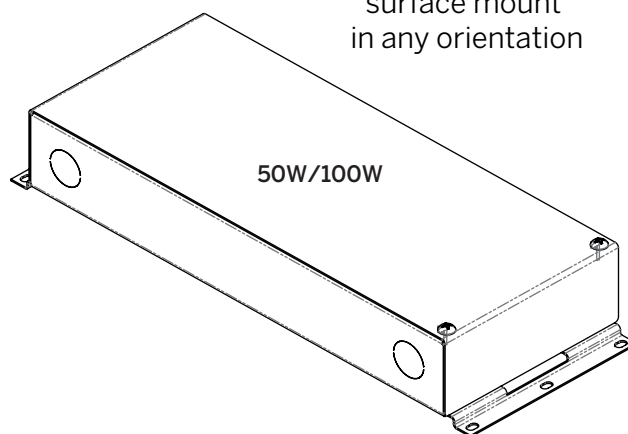


100W



**Dry Location
Enclosure**

surface mount
in any orientation



13.25"L x 5"W x 2.25"H

Driver Box has (4) knock-outs:
(2) on each side for Trade Size
½ conduit (Ø7/8")

Wire Gauge	Maximum Wiring Distance ¹
AWG 20 (0.52 mm ²)	46 ft (14 m)
AWG 19 (0.65 mm ²)	59 ft (18 m)
AWG 18 (0.82 mm ²)	72 ft (22 m)
AWG 17 (1.04 mm ²)	92 ft (28 m)
AWG 16 (1.31 mm ²)	118 ft (36 m)

¹Actual distance must be calculated by installer. Must comply with NEC code.

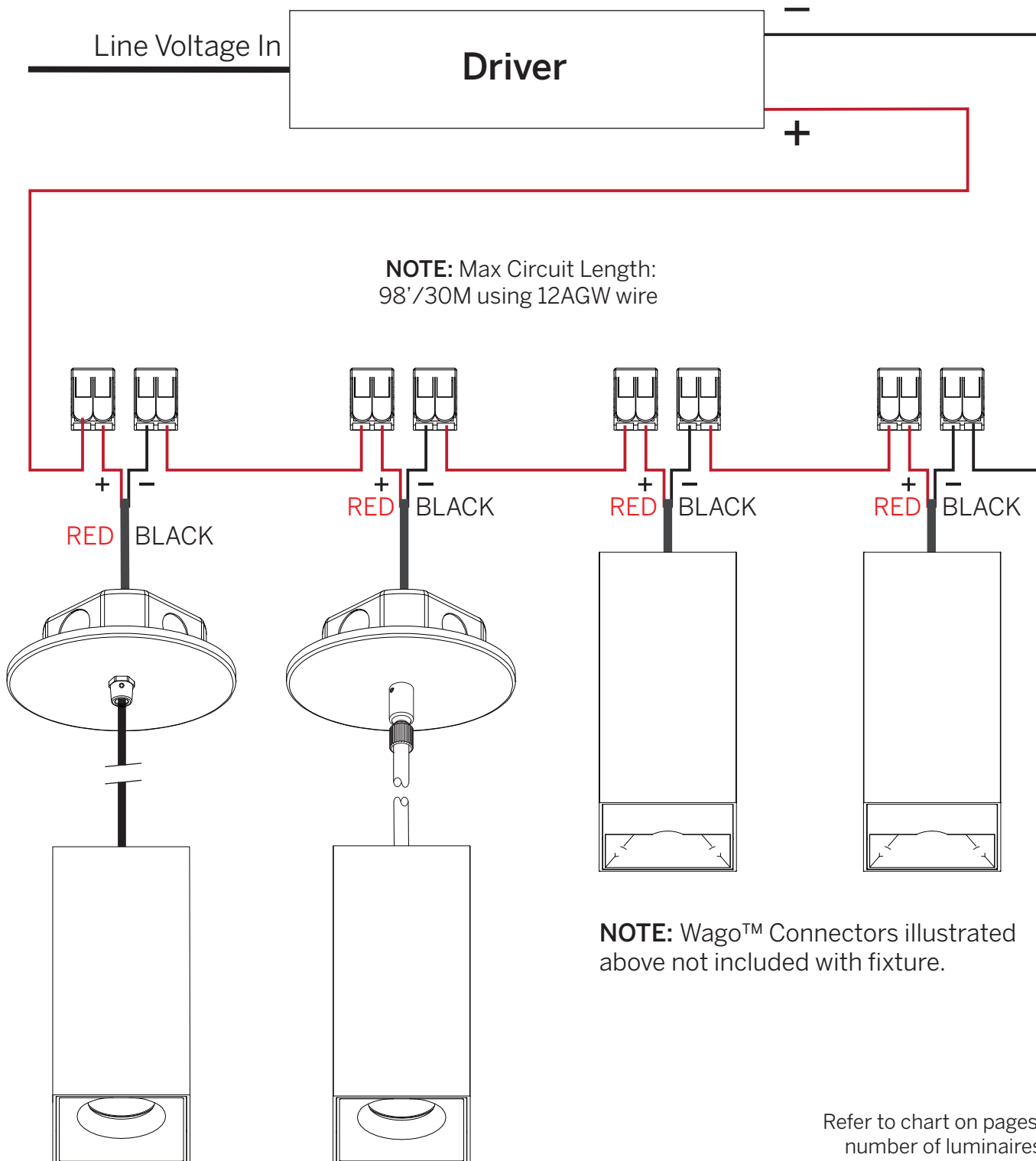
4" ProTools Cylinders (Square) Series Wiring Diagram

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Multiple Fixtures/One Driver

IMPORTANT: All fixtures must be wired in series!



Refer to chart on pages 2 for total
number of luminaires per driver

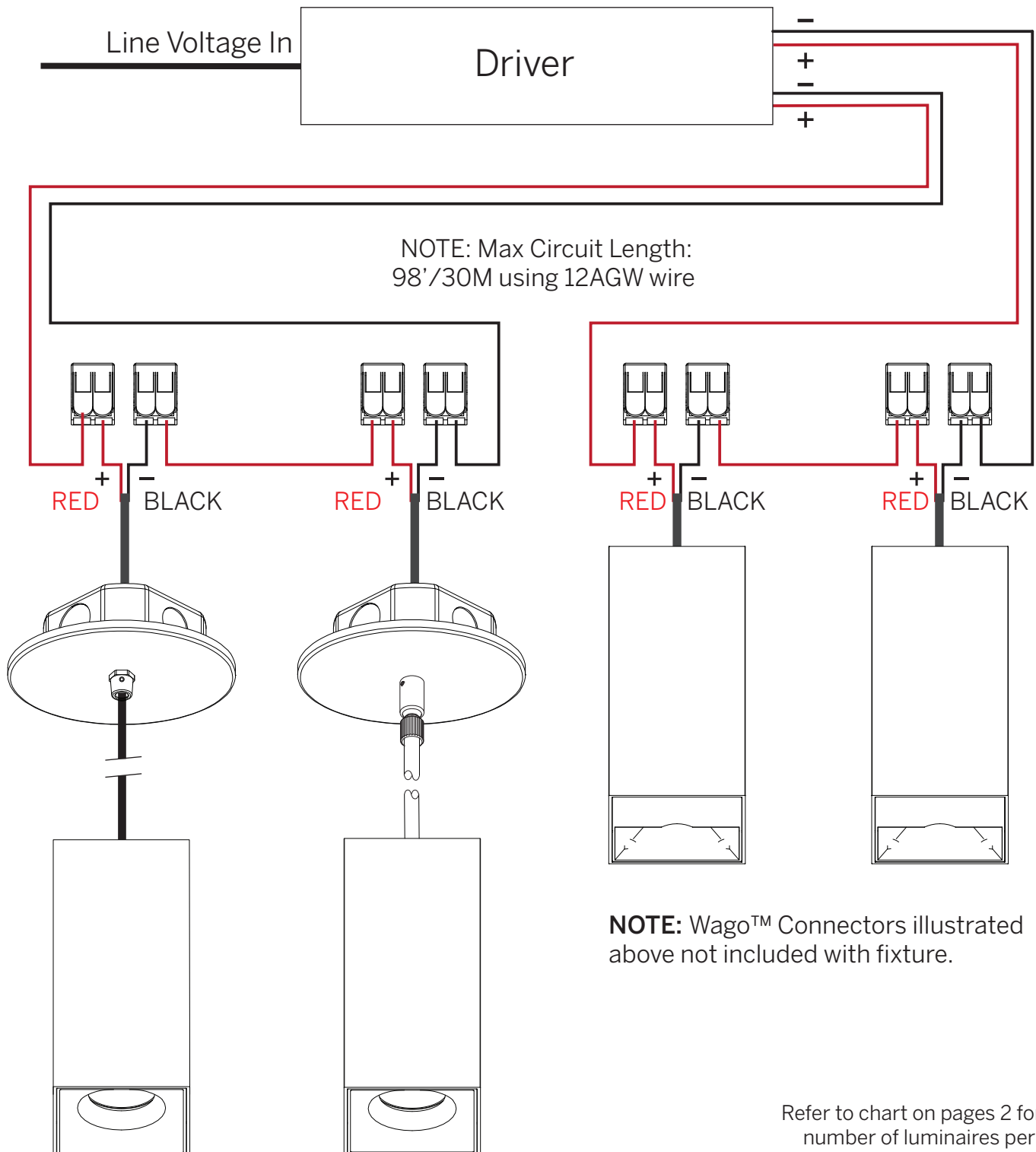
4" ProTools Cylinders (Square) Series Wiring Diagram

inter•lux

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Multiple Fixtures/One Driver, Multiple Outputs

IMPORTANT: All fixtures must be wired in series!



Refer to chart on pages 2 for total number of luminaires per driver