

3" ProTools+ Downlights

driver information

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

	DRIVER PART NUMBER	DRIVER WATTAGE	CONTROL PROTOCOL	DIMMING LEVEL	FIXTURES PER DRIVER					HOUSING [INTEGRAL]	HOUSING [REMOTE]
					L [6.3W (350mA)]	M [9.0W (250mA)]	H [12W (350mA)]	HP [16.0W (450mA)]	SH [20.0W (550mA)]		
STATIC WHITE / WARM DIM											
INTEGRAL	S010	22W	0-10V	1%	1 -- 2	1	1	1	1	LP - NC - IC - CP	-
	D010	22W	0-10V	0.1%	1 -- 2	1	1	1	1	LP - NC - IC - CP	-
	SPH	20W	Triac / ELV	3%	1 -- 2	-	1	1	-	LP - NC - IC - CP	-
	D2S*	22W	DALI-2 (DT6)	0.1%	1 -- 2	1	1	1	1	LP - NC - IC - CP	-
REMOTE	RS010	22W	0-10V	1%	1 -- 2	1	1	1	1	-	X - LP - IC - CP
		50W	0-10V	1%	1 -- 2	1	1	1	1	-	X - LP - IC - CP
		100W	0-10V	1%	1 -- 4	1 -- 2	1 -- 2	1 -- 2	1 -- 2	-	X - LP - IC - CP
	RD010	22W	0-10V	0.1%	1 -- 2	1	1	1	1	-	X - LP - IC - CP
		50W	0-10V	0.1%	1 -- 4	1 -- 2	1 -- 2	1 -- 2	1 -- 2	-	X - LP - IC - CP
		100W	0-10V	0.1%	1 -- 8	1 -- 4	1 -- 4	1 -- 4	1 -- 4	-	X - LP - IC - CP
	RSPH	20W	Triac / ELV	3%	1 -- 2	-	1	1	-	-	X - LP - IC - CP
	RD2S*	22W	DALI-2 (DT6)	0.1%	1 -- 2	1	1	1	1	-	X - LP - IC - CP
		50W	DALI-2 (DT6)	0.1%	1 -- 4	1 -- 2	1 -- 2	1 -- 2	1 -- 2	-	X - LP - IC - CP
		100W	DALI-1 (DT6)	1%	1 -- 8	1 -- 4	1 -- 4	1 -- 2	1 -- 2	-	X - LP - IC - CP
TUNABLE WHITE											
	RD2T*	30W	DALI-2 (DT8)	0.1%	1	1	1	-	-	-	X - LP - IC - CP

*Please note that when 'D2S / RD2S' and 'RD2T' are used to power more than one fixture from the same driver that all fixtures are controlled in unison. For individual control of fixtures a driver must be supplied for each fixture.

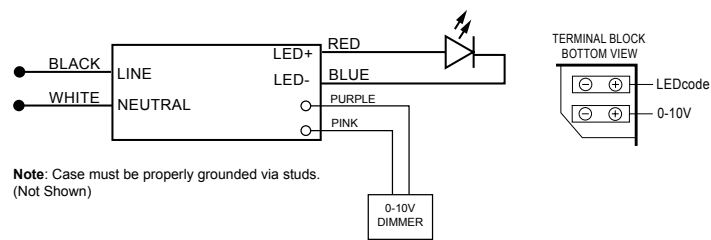
3" ProTools+ Downlights

driver information

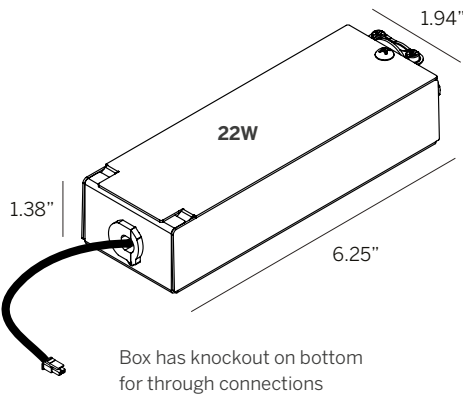


S010/RS010 = eldoLED 0-10V 1% dimming, 120-277V

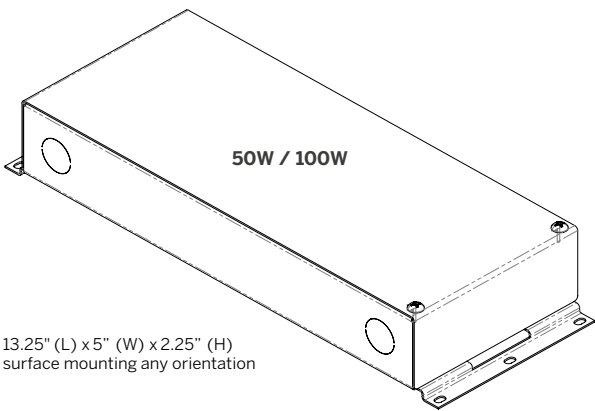
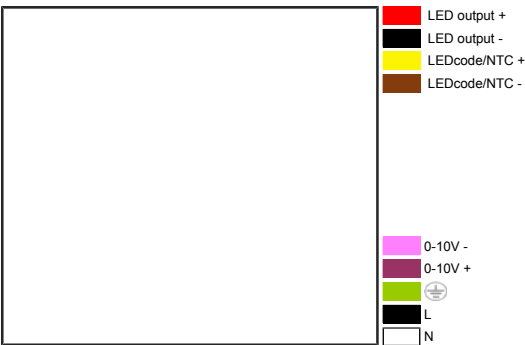
22W (Integral & Remote) [spec sheet](#)



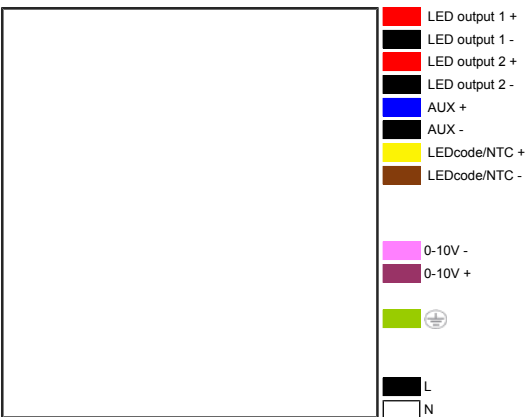
Dry Location Enclosure



50W (Remote Only) [spec sheet](#)



100W (Remote Only) [spec sheet](#)



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)

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

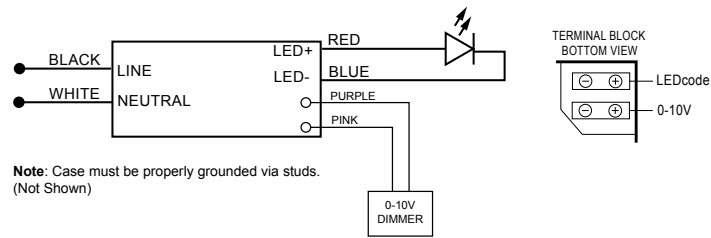


3" ProTools+ Downlights

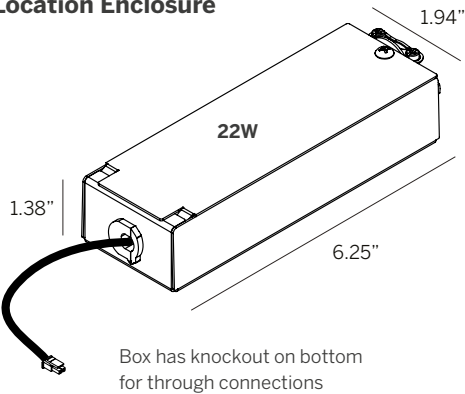
driver information

D010/RD010 = eldoLED 0-10V 0.1% dimming, 120-277V

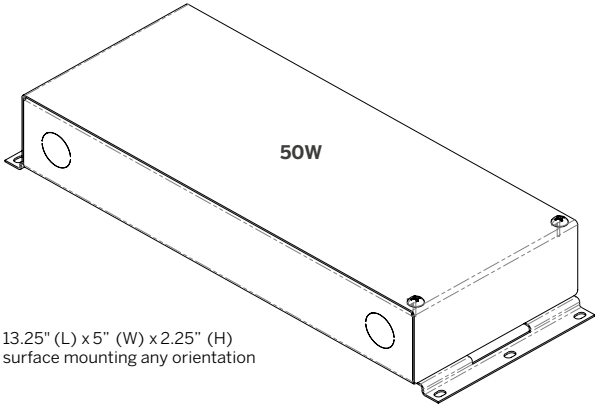
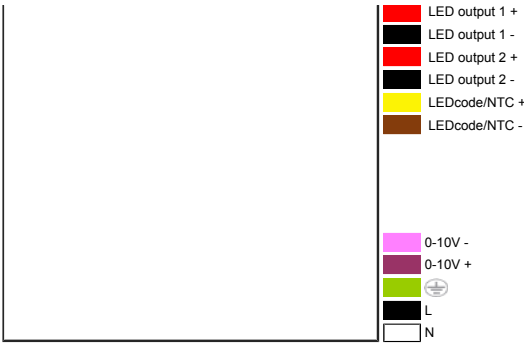
22W (Integral & Remote) [spec sheet](#)



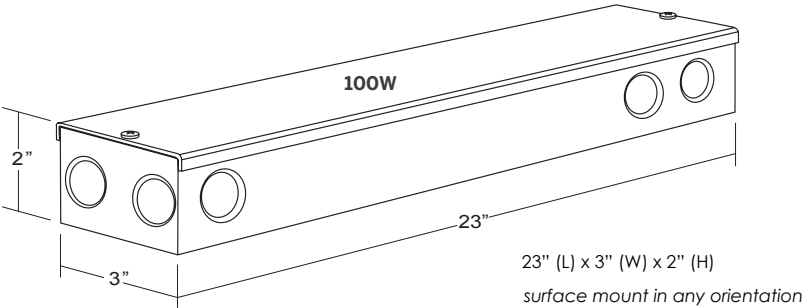
Dry Location Enclosure



50W (Remote Only) [spec sheet](#)



100W (Remote Only) [spec sheet](#)



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)

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

3" ProTools+ Downlights

driver information

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	IlumaTech - 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-A08 DIN-4DIMFLV4 CLS-EXP-DIMFLV CLCI-1DIMFLV2EX	Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic Logarithmic
ABB	www.abb.com/KNX	IlumaTech - 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.

3" ProTools+ Downlights

driver information

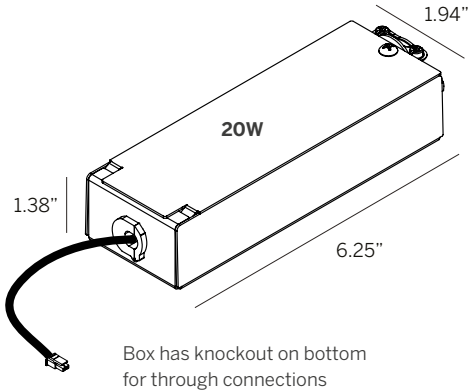
SPH/RSPH = Phase (2-wire) 3% dimming, 120V only (20W) [spec sheet](#)



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)

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

Dry Location Enclosure



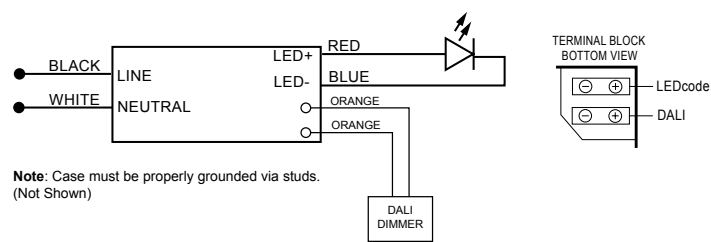
3" ProTools+ Downlights

driver information

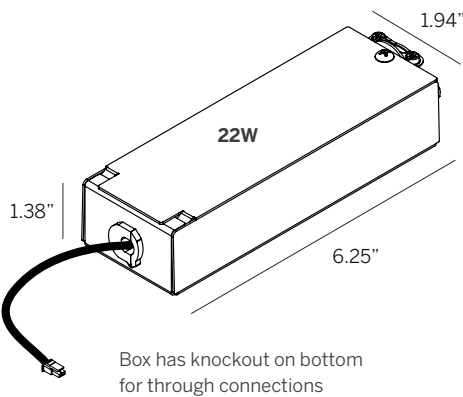


D2S/RD2S = DALI-2 (DT6) for Static White 0.1% dimming, 120-277V

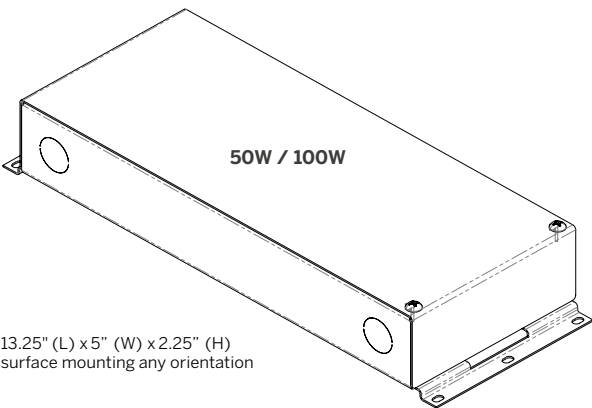
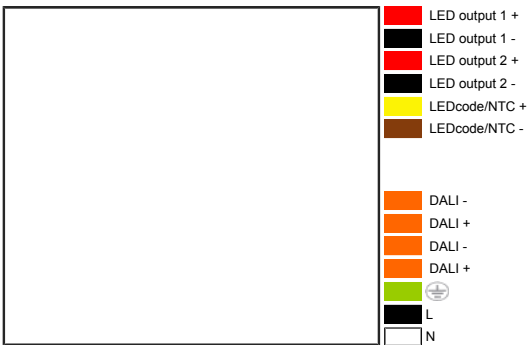
22W (Integral & Remote) [spec sheet](#)



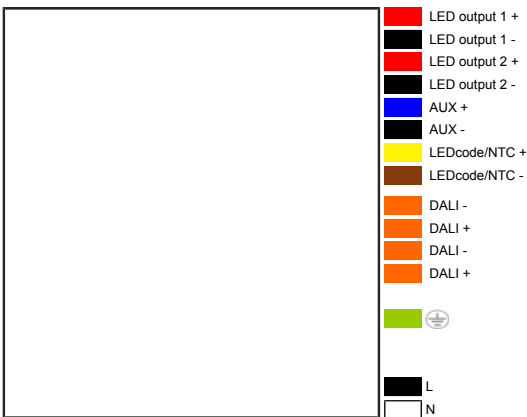
Dry Location Enclosure



50W (Remote Only) [spec sheet](#)



100W (Remote Only) [spec sheet](#)



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)

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



3" ProTools+ Downlights

driver information

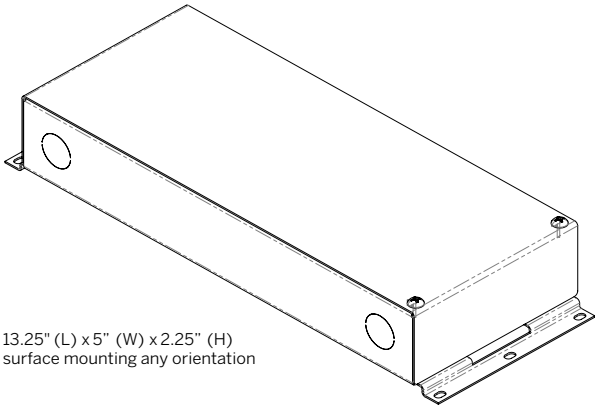
RD2T = DALI-2 (DT8) for Tunable White 0.1% dimming, 120-277V (30W) (Remote Only) [spec sheet](#)



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.

Dry Location Enclosure



13.25" (L) x 5" (W) x 2.25" (H)
surface mounting any orientation