

4" 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]
					L [5.7W (350mA)]	M [8.4W (500mA)]	H [12W (700mA)]	XH [18.6W (1,050mA)]	TW [9W (500mA)]	WD [11.8W (350mA)]	
INTEGRAL	S010	30W	0-10V	1%	1 -- 2	1 -- 2	1 -- 2	1	-	1	LP - NC - IC - CP
	D010	30W	0-10V	0.1%	1 -- 2	1 -- 2	1 -- 2	1	-	1	LP - NC - IC - CP
	SPH	20W	Triac / ELV	3%	1 -- 2	1 -- 2	1	-	-	1	LP - NC - IC - CP
	PEQ0	20W	EcoSystem	0.1%	1 -- 2	1 -- 2	1	1	-	1	LP - NC - IC - CP
	D2S	30W	DALI-2 (DT6)	0.1%	1 -- 2	1 -- 2	1 -- 2	1	-	1	LP - NC - IC - CP
	D2T	30W	DALI-2 (DT8)	0.1%	-	-	-	-	1 -- 2	-	LP - NC - IC - CP

S010 = eldoLED 0-10V 1% dimming, 120-277V (30W) [spec sheet](#)



D010 = eldoLED 0-10V 0.1% dimming, 120-277V (30W) [spec sheet](#)



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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 - DVTV 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*

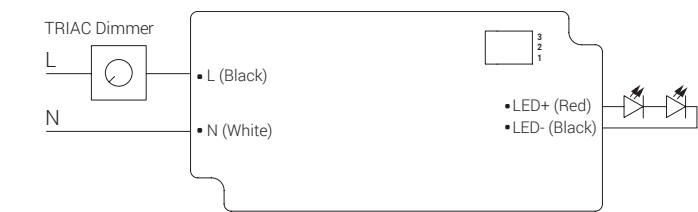
CONTROL MANUFACTURER	WEBSITE	TYPE	RECOMMENDED DIMMING CURVE
Lutron Electronics	www.lutron.com/LEDtool	GraphicEye - GRX-TVI w GRX3503 Energy Savr Node - QSN-4T16-S TVM2 Module Linear	Linear Linear Linear
Crestron	www.crestron.com	GLX-DIMFLV8 GLXP-DIMFLV8 GLPAC-DIMFLV4-* GLPAC-DIMFLV8-* GLPP-DIMFLVEX-PM 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.

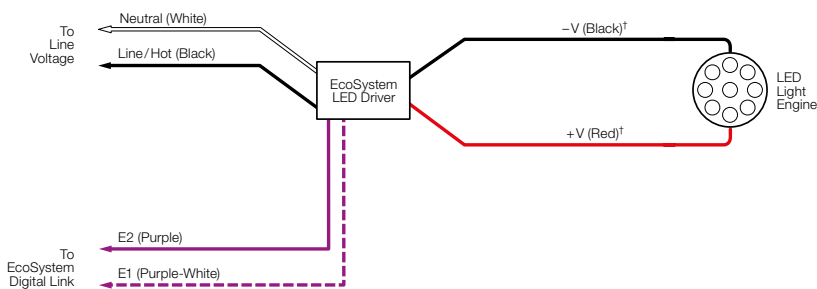
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SPH = Phase (2-wire) 3% dimming, 120V only (20W) [spec sheet](#)



PEQO = Lutron Hi-Lume Premier 0.1% EcoSystem dimming, 120-277V (20W) [spec sheet](#)



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

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D2S = DALI-2 (DT6) for Static White 0.1% dimming, 120-277V (30W) [spec sheet](#)



D2T = DALI-2 (DT8) for Tunable White 0.1% dimming, 120-277V (30W) [spec sheet](#)

