

PROJECT \_\_\_\_\_ TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_ MEMO \_\_\_\_\_

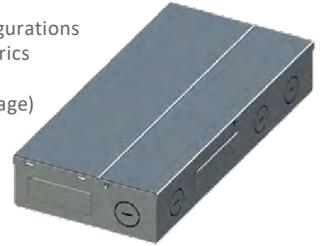
ORDERING CODE BREAKDOWN

## 24V | 48V Driver

COMPATIBLE WITH  
STATIC WHITE + DIM -TO-WARM

### MAIN FEATURES

- Versatile universal input class 2 drivers with integral wet and plenum rated junction box for various LED applications
- Provides smooth, flicker-free dimming via phase-cut, 0-10V or DALI protocols
- Available in 100W (1 x 96W) or 300W (3 x 96W) configurations
- Meets IEEE 1789-2015, SVM ≤ 0.4, PST ≤ 1.0 flicker metrics
- Overload, shutdown, and short circuit protection
- UL 8750 (LED), UL 2403 (plenum), UL 1310 (class 2 low voltage)
- 85% efficiency
- -40°F - 140°F
- 5-year warranty



BRAND	OUTPUT	VOLTAGE	INPUT	CONTROLS	HOUSING	SETTING
SOL	100C04V : 100W	V48 : 48V max	U : 120-277V universal input	D2 : 1.0% linear phase-cut/ 0.1% linear 0-10V dimming	J : Integrated junction box	24V : 24Vdc
	300C12V : 300W					[blank] : 48Vdc

### VOLTAGE DROP CHART

VDC	LOAD	DISTANCE FROM POWER SUPPLY FOR 1% VOLTAGE DROP (FEET)								
		10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG	26 AWG
24	15 W	192	121	76	48	30	19	12	8	5
	30 W	96	61	38	24	15	10	6	4	2
	60 W	48	30	19	12	8	5	3	2	1
	80 W	36	23	14	9	6	4	2	1	1
	96 W	30	19	12	8	5	3	2	1	1

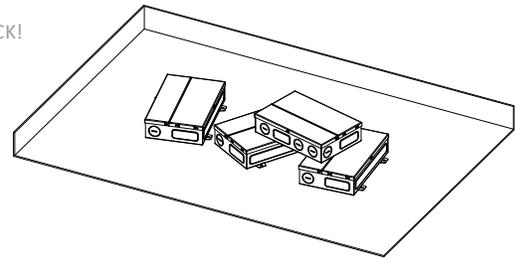
VDC	LOAD	DISTANCE FROM POWER SUPPLY FOR 5% VOLTAGE DROP (FEET)								
		10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG	26 AWG
24	15 W	961	605	380	239	150	95	60	37	24
	30 W	481	302	190	120	75	47	30	19	12
	60 W	240	151	95	60	38	24	15	9	6
	80 W	180	113	71	45	28	18	11	7	4
	96 W	150	95	59	37	24	15	9	6	4

\* In some cases, a tamper-proof label is found in the low voltage output wiring chamber. This label covers a switch to change output voltage from 24VDC to 48VDC. If this label is tampered with or removed, it will void the warranty on the driver and all the fixtures connected to this driver.

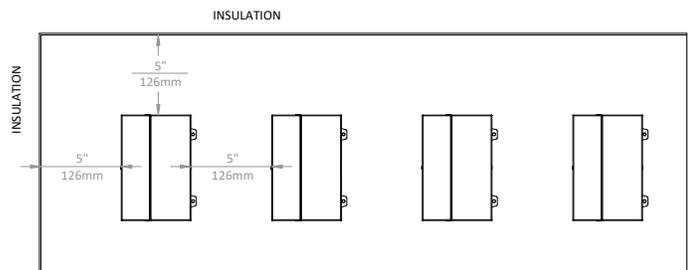
◀ Voltage Drop is linear and can be derived for distances not specified at left

### INSTALLATION PRECAUTIONS

DO NOT STACK!

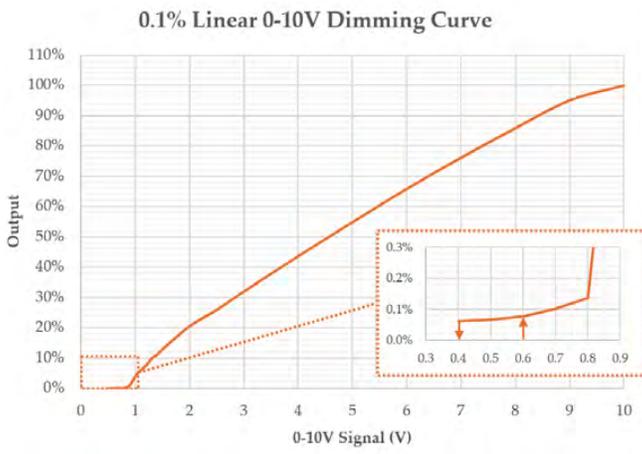


KEEP DRIVERS A MINIMUM OF 5" FROM INSULATION AND EACH OTHER

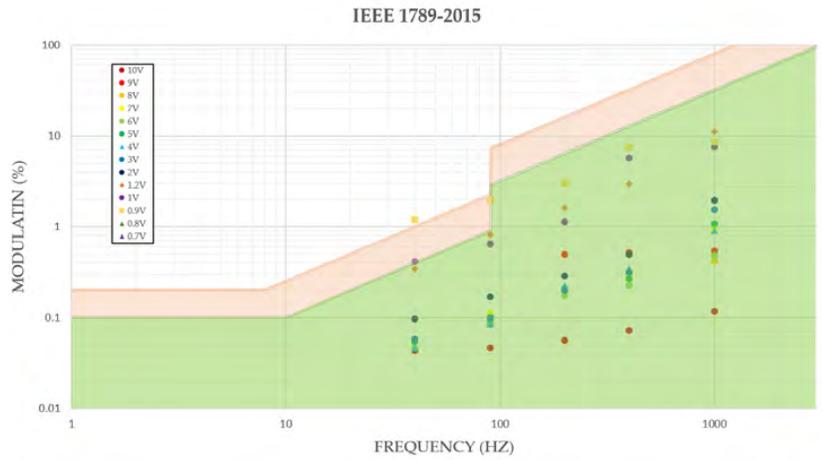


### D2 CONTROLS

#### D2 DIMMING DETAILS

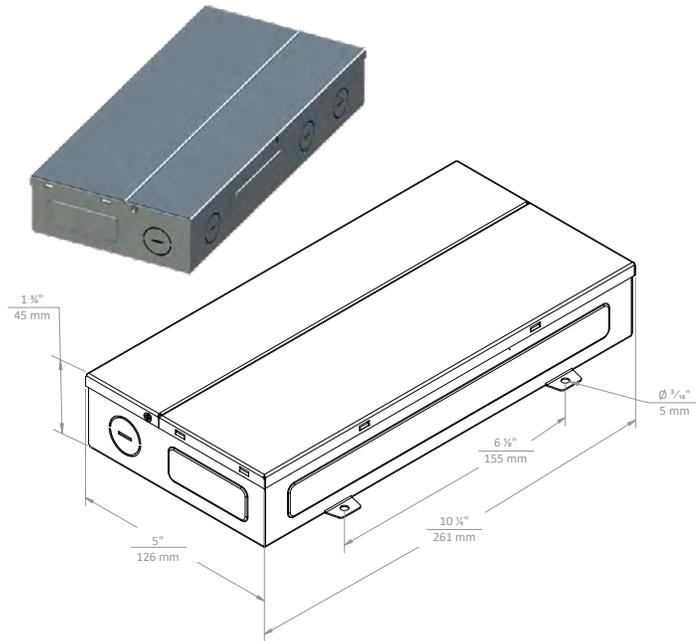


#### D2 LINEAR FLICKER DETAILS



#### D2 DIMENSIONAL DETAILS

SOL-300C12V48UD2J



SOL-100C04V48UD2J

