

XFL Driver Compatibility Matrix ¹									
Driver Manufacturer		Meanwell	Meanwell	Meanwell	Meanwell	Meanwell	Meanwell	Meanwell	Meanwell
Part Number		XLD-ND-MW-OWA-90U-24-P1M	XLD-ND-MW-OWA-60U-24	XLD-D010-MW-PWM-60-24	PWM-60-24-DA3 ⁴	XLD-D010-MW-PWM-90-24	PWM-90-24-DA3 ⁴	XLD-ND-MW-LPV-60-24	XLD-ND-MW-LPV-100-24
Input	Voltage Range	90-264VAC	90-264VAC	90-305VAC	90-305VAC	90-305VAC	90-305VAC	90-264VAC	90-264VAC
Output	Rated Current (A)	2.5	3.75A	2.5	2.5	3.75	3.75	2.5	4.2
	Rated Power (W)	90	60	60	60	90	90	60	100.8
Dimming?		No	No	Yes PWM Freq. 1.47kHz				No	No
Dimming Signal Input	1-10V Signal Input (Analog)			✓		✓			
	10V PWM Input (Digital)			✓		✓			
	DALI (DT6)				✓		✓		
Lighting Safety		UL8750	UL8750	UL8750	UL8750	UL8750	UL8750	UL8750	UL8750
IP rating		IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67

Maximum Run Length²

Static	XFL-SW-241.0-240xx-xx95	27.4	18.3	18.3	18.3	27.4	27.4	18.3	30.7
	XFL-SW-243.0-240xx-xx95	9.1	6.1	6.1	6.1	9.1	9.1	6.1	10.2
	XFL-SW-244.4-240xx-xx95	6.2	4.2	4.2	4.2	6.2	6.2	4.2	7.0
	XFL-SW-245.0-240xx-xx95	5.5	3.7	3.7	3.7	5.5	5.5	3.7	6.1
	XFL-SW-246.0-240xx-xx95	4.6	3.0	3.0	3.0	4.6	4.6	3.0	5.1
High Density	XFL-HD-243.0-700xx-xx95	9.1	6.1	6.1	6.1	9.1	9.1	6.1	10.2
	XFL-HD-244.4-700xx-xx95	6.2	4.2	4.2	4.2	6.2	6.2	4.2	7.0
	XFL-HD-245.0-700xx-xx95	5.5	3.7	3.7	3.7	5.5	5.5	3.7	6.1
	XFL-HD-246.0-700xx-xx95	4.2	2.8	2.8	2.8	4.2	4.2	2.8	4.7
Full Spectrum	XFL-FS-243.0-120xx-xx95	9.1	6.1	6.1	6.1	9.1	9.1	6.1	10.2
	XFL-FS-244.4-120xx-xx95	6.2	4.2	4.2	4.2	6.2	6.2	4.2	7.0
	XFL-FS-245.0-120xx-xx95	5.5	3.7	3.7	3.7	5.5	5.5	3.7	6.1
	XFL-FS-246.0-120xx-xx95	4.6	3.0	3.0	3.0	4.6	4.6	3.0	5.1
Side Emitting	XFL-SE-243.0-120xx-xx90	9.1	6.1	6.1	6.1	9.1	9.1	6.1	10.2
Ultra Slim	XFL-US-243.7-238xx-xx95	7.4	4.9	4.9	4.9	7.4	7.4	4.9	8.3
Warm Dim	XFL-DW-243.2-224xx-xx95/95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tunable White	XFL-TW-243.0-240xx-xx95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	XFL-TW-244.4-240xx-xx95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	XFL-TW-245.2-240xx-xx95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	XFL-TW-246.0-240xx-xx95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

24V Voltage Drop & Wire Length Distance Chart³

Wire Gauge	20W .83A	40W 1.7A	60W 2.5A	80W 3.3A	100W 4.2A
20 AWG	13.1m / 43ft	6.4m / 21ft	4.3m / 14ft	3.4m / 11ft	2.4m / 8ft
18 AWG	20.7m / 68ft	10.1m / 33ft	6.7m / 22ft	5.2m / 17ft	4.3m / 14ft
16 AWG	33.2m / 109ft	16.5m / 54ft	11m / 36ft	8.2m / 27ft	6.7m / 22ft
14 AWG	53m / 174ft	26.2m / 86ft	17.4m / 57ft	13.1m / 43ft	11m / 36ft
12 AWG	82.9m / 272ft	41.1m / 135ft	27.4m / 90ft	20.7m / 68ft	17.1m / 56ft
10 AWG	121m / 397ft	60m / 197ft	39.9m / 131ft	29.6m / 97ft	25m / 82ft

1. Data listed herein is for reference only and does not imply warranty to the led strip or power supply. Xicato recommends consulting with power supply manufacturers to determine compatibility. Data above only suggests initial electrical compatibility and does not guarantee performance over life. Xicato recommends independently verifying all relevant performance parameters.
 2. Maximum strip length values do not account for voltage drop within the LED strip itself or voltage drop from wiring between the strip and the power supply. Maximum strip length value does not guarantee uniformity in lumen output or color across entirety of LED strip.
 3. Assumes 3% drop or 23.28V. Table provides general guidelines for determining wire gauge based on total load distance from LED driver to beginning of XFL tape.
 4. For purchasing option, consult with Luxendi or MEANWELL Distributor Network.

All data has a +/- 5% tolerance. Field modifications and installation must comply with all local and national codes as well as Xicato's installation methods, see xicato.com for more information. Manufacturer retains the right to change specification information at any time.