

General Description

The LEDway™ series dimming option allows multiple operating drive currents. These drive currents can conveniently balance LED life, lumen output and energy savings. The dimming option operates all LEDs at the same current for maximum and uniform LED life.

A recommended combination of 175/525mA drive currents provides 45% delivered lumens while consuming only 33% of the energy at 175mA versus the 525mA drive current. Assuming an 80% vacancy rate in a space it has similar life expectancy to that of a fixture at 350mA. The combination provides energy savings and/or lower initial costs without compromising quality or performance.

If dimming leads remain open (factory shipped), fixture will run at full power (525 or 700mA depending on the fixture ordered).

Refer to LEDway™ spec sheet for system watts and lumen values.

The 0–10V dimming control interface is compliant with the CEI EN 60929 Annex E which establishes controls for fluorescent products. See the list of products that have been tested with the system.

1. Leviton IP710-DLW
2. Lutron NOVA T*

Several commercially available dimming control systems are being qualified for use with this product. These are typically factory installed into the luminaire and are purchased with a complete control system, please consult factory for more details.

Notes:

0 – 10V Dimming Option – 525mA

(for use with 20 – 120 LED LEDway™ fixtures)

0 – 10V	Current (mA)	System Watts Multiplier	Lumen Multiplier
≤ 1.2	75	0.16	0.27
1.8	125	0.26	0.37
2.0	150	0.30	0.41
2.3	175	0.35	0.45
2.8	225	0.44	0.54
3.3	275	0.54	0.62
3.8	325	0.62	0.70
4.0	350	0.67	0.74
4.8	425	0.81	0.86
5.3	475	0.91	0.93
5.7	525	1.00	1.00
6.0	550	1.04	1.04
6.3	575	1.10	1.08
6.7	625	1.19	1.15
≥ 7.5	700	1.34	1.24

NOTE: Multipliers are for estimating purposes only. Check actual spec sheet data where available.

0 – 10V Dimming Option – 700mA

(for use with 20 – 100 LEDway™ fixtures; 700mA maximum)

0 – 10V	Current (mA)	System Watts Multiplier	Lumen Multiplier
≤ 1.2	75	0.12	0.22
1.8	125	0.19	0.30
2.0	150	0.22	0.33
2.3	175	0.26	0.36
2.8	225	0.33	0.44
3.3	275	0.40	0.50
3.8	325	0.47	0.56
4.0	350	0.50	0.60
4.8	425	0.60	0.69
5.3	475	0.68	0.75
5.7	525	0.75	0.81
6.0	550	0.78	0.84
6.3	575	0.82	0.87
6.7	625	0.89	0.92
≥ 7.5	700	1.00	1.00

NOTE: Multipliers are for estimating purposes only. Check actual spec sheet data where available.

Products¹

Option	Voltage	LEDway™
DIM (525mA Maximum)	120 – 277	20 – 120 LEDs
	347 – 480	20 – 120 LEDs ²
DIM (700mA Maximum)	120 – 277	20 – 100 LEDs
	347 – 480	20 – 100 LEDs ²

1. Dimming option not available with any multi-level options
2. Dimming option not available with fusing when 347 – 480V is selected

For use with LEDway™ product only.

Refer to THE EDGE® Dimming Option Spec Sheet for THE EDGE® products, and 304 Series Dimming Option Spec Sheet for 304 Series product.

