

0-10V LED Dimming Option

For use with RSW™ LED Street Luminaires

Description:

Cree's 0-10V dimming is included standard with each RSW streetlight through the NEMA 7-Pin receptacle (ANSI C136.41 compatible controls by others).

Unlike traditional source technologies, LED performance improves when dimmed in terms of efficacy, longevity and lumen maintenance. This powerful combination allows for the selection luminaires capable of delivering high levels of sustainable illumination performance when desired, but with the ability to be dimmed to deliver lower levels of illumination when appropriate with even greater energy savings.

Dimming Availability

RSW Series Luminaires	
Input Power	Availability
30W	Available
50W	Available

0-10V Dimming Multipliers

RSW Series Luminaires – 30 Watt		
0-10V	System Watts Multiplier	Lumen Multiplier
3.9	0.50	0.46
5.1	0.67	0.64
6.4	0.83	0.81
10	1.00	1.00

RSW Series Luminaires – 50 Watt		
0-10V	System Watts Multiplier	Lumen Multiplier
5.6	0.70	0.72
6.4	0.80	0.82
7.3	0.90	0.93
10	1.00	1.00

Rev. Date: V1 01/29/2016