

LED High-Low Option

For use with Cree Edge™ Series and LEDway® Series Luminaires

Product Description

The high-low option allows multiple operating drive currents for high and low modes. These drive currents are conveniently selected to balance LED life, lumen output and energy savings. The high-low option is designed to have remotely located sensors (by others). High-low function is designed with all LEDs operating at the same current for maximum and uniform LED life.

The high-low option will be wired such that five power leads will exit the fixture, two hot (line 1 and line 2), two common (N1 and N2) and one ground. The two hot leads will be labeled identifying the drive current, 175mA or 350mA per High-low Option Drive Current Configurations table below. Fixtures are factory set for phase to neutral systems and can be field adjusted to accommodate phase to phase systems.

Product Availability

Cree Edge™ Series Luminaires													
Option	Drive Current Specified (mA)	Drive Current Configurations (mA)	Voltage	Area & Flood			Area, Flood & Interior Round	Canopy	High Output	Parking	Security	Transportation	Pathway
				AA, DA, DL Mounts	R3, R4 Mounts	SA Mount	All Mounts	All Mounts	All Mounts	All Mounts	Wall Mount	All Mounts	P1, P3, P4, P8 Mounts
HL (G)	350	175/350	120-277	120-240 LEDs	120-240 LEDs	N/A	N/A	120-240 LEDs	N/A	N/A	N/A	120-160 LEDs	N/A
			347-480	120-240 LEDs	120-240 LEDs	N/A	N/A	120-240 LEDs	N/A	N/A	N/A	N/A	120-160 LEDs
	525	175/350/525	120-277	40-120 LEDs	40-120 LEDs	N/A	40-120 LEDs	40-120 LEDs	N/A	40-100 LEDs	N/A	40-120 LEDs	18 LEDs
			347-480	40-120 LEDs	40-120 LEDs	N/A	N/A	40-120 LEDs	N/A	N/A	N/A	40-120 LEDs	N/A
	700	350/700	120-277	40-60 LEDs	40-60 LEDs	N/A	40-60 LEDs	40-60 LEDs	N/A	40-60 LEDs	N/A	40-60 LEDs	N/A
			347-480	40-60 LEDs	40-60 LEDs	N/A	N/A	40-60 LEDs	N/A	N/A	N/A	40-60 LEDs	N/A

LEDway® Series Luminaires						
Option	Drive Current Specified (mA)	Drive Current Configurations (mA)	Voltage	LEDway® Streetlight	LEDway® High Output Streetlight	
				All Mounts	All Mounts	All Mounts
HL (G)	350	175/350	120-277	20-120 LEDs	N/A	N/A
			347-480	N/A	N/A	N/A
	525	175/350/525	120-277	20-120 LEDs	N/A	N/A
			347-480	N/A	N/A	N/A
	700	350/700	120-277	20-120 LEDs	N/A	N/A
			347-480	N/A	N/A	N/A

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Additional Options Available with High-Low Option

Cree Edge™ Series Luminaires													
Option	Drive Current Specified (mA)	Drive Current Configurations (mA)	Voltage	Area & Flood			Area, Flood & Interior Round	Canopy	High Output	Parking	Security	Transportation	Pathway
				AA, DA, DL Mounts	R3, R4 Mounts	SA Mount	All Mounts	All Mounts	All Mounts	All Mounts	Wall Mount	All Mounts	P1, P3, P4, P8 Mounts
HL (G)	350	175/350	120-277	F	F	N/A	F ¹	F ¹	N/A	F ¹	N/A	F ¹	N/A
			347-480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	525	175/350/525	120-277	F	F	N/A	F ¹	F ¹	N/A	F ¹	N/A	F ¹	F
			347-480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	700	350/700	120-277	F	F	N/A	F ¹	F ¹	N/A	F ¹	N/A	F ¹	N/A
			347-480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ Fusing not available with Pendant Mounts

LEDway® Series Luminaires					
Option	Drive Current Specified (mA)	Drive Current Configurations (mA)	Voltage	LEDway® Streetlight	LEDway® High Output Streetlight
				All Mounts	All Mounts
HL (G)	350	175/350	120-277	F	N/A
			347-480	N/A	N/A
	525	175/350/525	120-277	F	N/A
			347-480	N/A	N/A
	700	350/700	120-277	F	N/A
			347-480	N/A	N/A

High-Low Option Drive Current Configurations								
350mA Drive Current Specified			525mA Drive Current Specified			700mA Drive Current Specified		
Leads		Drive Current Output (mA)	Leads		Drive Current Output (mA)	Leads		Drive Current Output (mA)
175mA	175mA		175mA	350mA		350mA	350mA	
ON	OFF	175	ON	OFF	175	ON	OFF	350
OFF	ON	175	OFF	ON	350	OFF	ON	350
ON	ON	350	ON	ON	525	ON	ON	700

Output Multipliers		
Drive Current Specified (mA)	Lumen Multipliers	Power Multipliers
175	0.66	0.48
350	1.00	1.00
525	1.40	1.51
700	1.71	2.03

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

