

# LED High-Low Option

For use with OSQP™ Pathway and THE EDGE® Series Luminaires

Rev. Date: V5 02/07/2024

## Product Description

The high-low option allows multiple operating lumen outputs or drive currents for high and low modes. These lumen outputs or 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 lumen output or 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 hots (line 1 and line 2), two common (N1 and N2) and one ground. The two hot leads will be labeled identifying Line 1 and Line 2 per High-low Option Drive Current Configurations tables below. Fixtures are factory set for phase to neutral systems and can be field adjusted to accommodate phase to phase systems.

## Product Availability

OSQP™ LED Pathway Luminaire				
Option	Output (Line1/Line2/Max Output)	Voltage	Availability	Option Compatibility
HL	40%/60%/100%	120-277V	2L, 3L	F, GFI, WB
		347, 480V		WB

High-Low Option Output Configurations		
LEADS		
40%	60%	OUTPUT
ON	OFF	40%
OFF	ON	60%
ON	ON	100%

THE EDGE® Series Luminaires												
Option	Drive Current Specified (mA)	Drive Current Configurations (mA) (Line1/Line2/Max Output)	Voltage	Area & Flood			Area, Flood & Interior Round	Canopy	Parking	Security	Transportation	Pathway
				AA, DA, DL Mounts	R3, R4 Mounts	SA Mount	All Mounts	All Mounts	All Mounts	Wall Mount	All Mounts	P1, P3, P4, P8 Mounts
HL (G)	350	175/175/350	120-277	120-240 LEDs	120-240 LEDs	N/A	N/A	120-240 LEDs	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	120-160 LEDs	N/A
	525	175/350/525	120-277	40-120 LEDs	40-120 LEDs	N/A	40-120 LEDs	40-120 LEDs	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	40-120 LEDs	N/A
	700	350/350/700	120-277	40-60 LEDs	40-60 LEDs	N/A	40-60 LEDs	40-60 LEDs	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	40-60 LEDs	N/A



Additional Options Available with High-Low Option

THE EDGE® Series Luminaires												
Option	Drive Current Specified (mA)	Drive Current Configurations (mA) (Line1/ Line2/Max Output)	Voltage	Area & Flood			Area, Flood & Interior Round	Canopy	Parking	Security	Transportation	Pathway
				AA, DA, DL Mounts	R3, R4 Mounts	SA Mount	All Mounts	All Mounts	All Mounts	Wall Mount	All Mounts	P1, P3, P4, P8 Mounts
HL (G)	350	175/175/350	120-277	F	F	N/A	F¹	F¹	F¹	N/A	F¹	N/A
			347-480	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	F¹	F¹	F¹	N/A	F¹	F
			347-480	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	700	350/350/700	120-277	F	F	N/A	F¹	F¹	F¹	N/A	F¹	N/A
			347-480	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

THE EDGE® 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

THE EDGE® 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		