



BML

Product Specifications

Linear LED Light Bar

High Output LED Lighting System

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in replacing High Pressure Sodium (HPS), Metal Halide (MH) and Fluorescent lighting systems in controlled environment agriculture, horticulture and floriculture lighting applications.

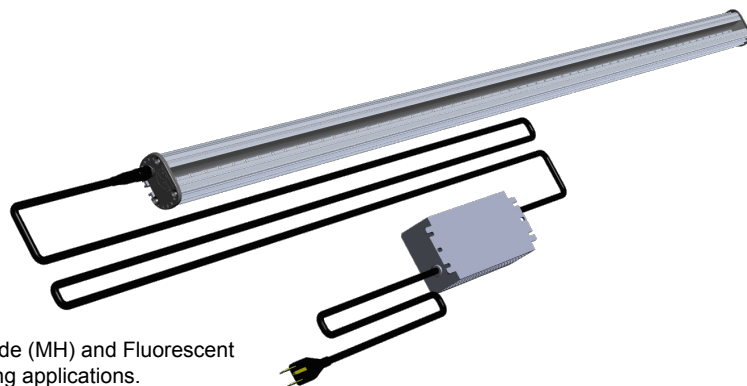
CONSTRUCTION — Extruded aluminum alloy chassis with integrated heatsink fins for superior cooling through natural convection. The heat sink is clear anodized after fabrication.

OPTICS — Narrow (30 Degree), Narrow/Medium (45 Degree), Medium (60 Degree), Medium/Wide (75 Degree) and Wide (90 Degree) distributions are available to meet both horizontal and vertical light level requirements. Proprietary precision optical system utilizes precision-formed optics constructed of highly reflective specular aluminum.

ELECTRICAL — Thermally protected drivers standard with 0-10V dimming. LEDs are driven at 350mA (nominal) to provide optimal efficiency and less heat to extend component life.

LISTINGS — CE certified to Low Voltage and EMC safety directives. IP66 waterproof rating. ROHS compliant.

WARRANTY — Three-year limited warranty. Complete warranty terms located at www.bmlhorticulture.com/warranty



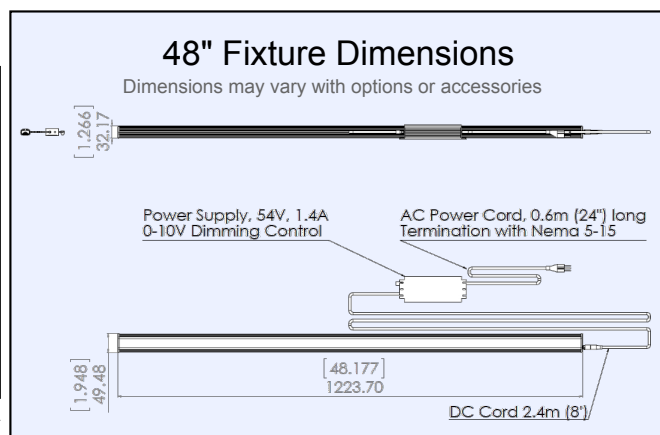
IP66



Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application and/or based on the LED bins used during fixture assembly.

CONFIGURATIONS								
All dimensions are shown in inches/lbs (mm/kg), unless otherwise noted.								
NOMINAL FIXTURE LENGTH	# LEDs PER FIXTURE	FLUX (LUMENS OR MICROMOLES) *	WATTAGE *		DIMENSIONS**			
			120V		LENGTH	WIDTH	HEIGHT	WEIGHT
			MIN	MAX				
7"	9	See Note	6	13	7.1 (180)	2.0 (50.8)	1.27 (32.2)	1.0 (0.4)
12"	15	See Note	10	22	12.1 (308)	2.0 (50.8)	1.27 (32.2)	1.5 (0.7)
24"	30	See Note	20	43	24.1 (613)	2.0 (50.8)	1.27 (32.2)	3.0 (1.4)
36"	45	See Note	30	64	36.1 (918)	2.0 (50.8)	1.27 (32.2)	4.5 (2.0)
48"	60	See Note	40	81	48.1 (1223)	2.0 (50.8)	1.27 (32.2)	6.0 (2.7)
60"	75	See Note	50	101	60.1 (1527)	2.0 (50.8)	1.27 (32.2)	7.5 (3.4)
72"	90	See Note	60	121	72.1 (1832)	2.0 (50.8)	1.27 (32.2)	9.0 (4.1)



* Lumen, micromole and watt measurements vary based on the selected LEDs. Estimates are provided on the website in real-time as the fixture is configured. For performance estimates, visit www.bmlcustom.com/custom-led-strip

** Length can vary +/- 1/8" (3.175mm). Also, please allow for 1/2" (12.7mm) for the power cord bend. Custom sizes are available for retrofit applications.

Part Number Configuration

Sample Part Number PS4860S101AAAAAAAAAAAAAAAA

Fixture Family	Length	Beam Angle	Extrusion Color	LED Class	Flux Power	Voltage	LED 1	LED 2	LED 3	LED 4	LED 5	LED 6	LED 7	LED 8	LED 9	LED 10	LED 11	LED 12	LED 13	LED 14	LED 15
PS	48	60	S	1	0	1	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
The LED selections are repeated for every 12" section in a fixture																					
PS = Persona	12 = 12 inches	30 = 30 Deg	S = Silver	1 = Class 1	0 = Bin 0	1 = 110-277	A = 6500K														
	18 = 18 inches	45 = 45 Deg	B = Black	2 = Class 2	1 = Bin 1		B = 5700K														
	24 = 24 inches	60 = 60 Deg	R = Red	3 = Class 3	2 = Bin 2		C = 5000K														
	30 = 30 inches	75 = 75 Deg	B = Blue	4 = Class 4	3 = Bin 3		D = 4500K														
	36 = 36 inches	90 = 90 Deg	G = Green		4 = Bin 4		E = 4000K														
	48 = 48 inches				5 = Bin 5		F = 3500K														
	60 = 60 inches				6 = Bin 6		G = 3000K														
	72 = 72 inches				7 = Bin 7		H = 2700K														
					8 = Bin 8		J = 405 nm														
					9 = Bin 9		K = 420 nm														
							L = 450 nm														
							M = 470 nm														
							O = 505 nm														
							P = 525 nm														
							Q = 590 nm														
							R = 615 nm														
							S = 625 nm														
							T = 660 nm														
							U = 730 nm														

