

Product # _____ Type _____ Date _____

Project Name _____

Project Location _____ Prepared By _____

LED RGBW Linear Wallwasher

Specifications

- Linear type surface Wall/Ceiling/Ground mounted luminaire with specification grade optical performance using high efficacy LEDs. Typical use is for wall grazing, spot or floodlighting with adjustable aiming and variety of different beam types.

Housing

- Low copper, corrosion resistant, Extruded aluminum construction. One-piece silicone gasket ensures water-tight and dust-tight construction. Available in four lengths.

Optical system

- Clear tempered glass lens enclosed in the housing and sealed with extruded rubber gasket. Ultra-high efficiency TIR optics provides variety of different beam types. Optical performance is enhanced by high color mixing 16 million vivid colors with DMX512 programming. Available beam types range from 10 degrees to 120 degrees with various beam shapes, including round, elliptical, rectangular, and Asymmetric. For details, please refer to the photometric application data.

Light Source

- High power Cree XP-E2 LED source for excellent color mixing to create vivid colors.

LED Drivers

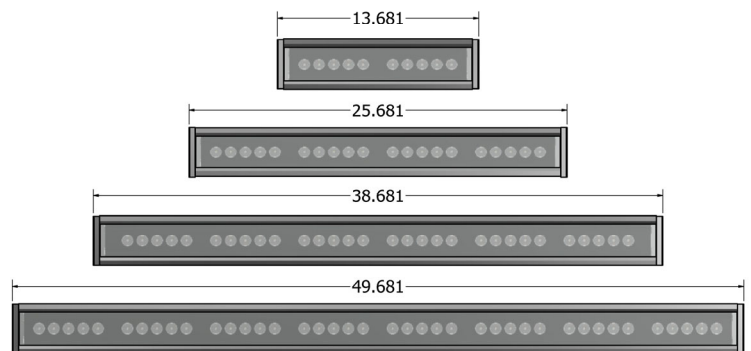
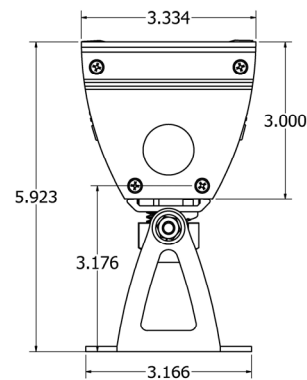
- UL/CSA recognized components to meet UL8750 & EN61347 (USR/CNR -E328335). Suitable for input power at 120-277VAC. Minimum power factor >0.95. Integrated 10kV/5kA surge protection device.

Finish

- Standard finish is a charcoal gray powder coat paint.

Warranty and Certifications

- 5 years for LED Light Engine and Driver 50,000-hour L70 LED Illumination per LM-80 Standards. In compliance with UL 1598 and CSA C22.2 NO. 250.0 standards. Suitable for indoor/ outdoor wet (IP65) or damp location use.



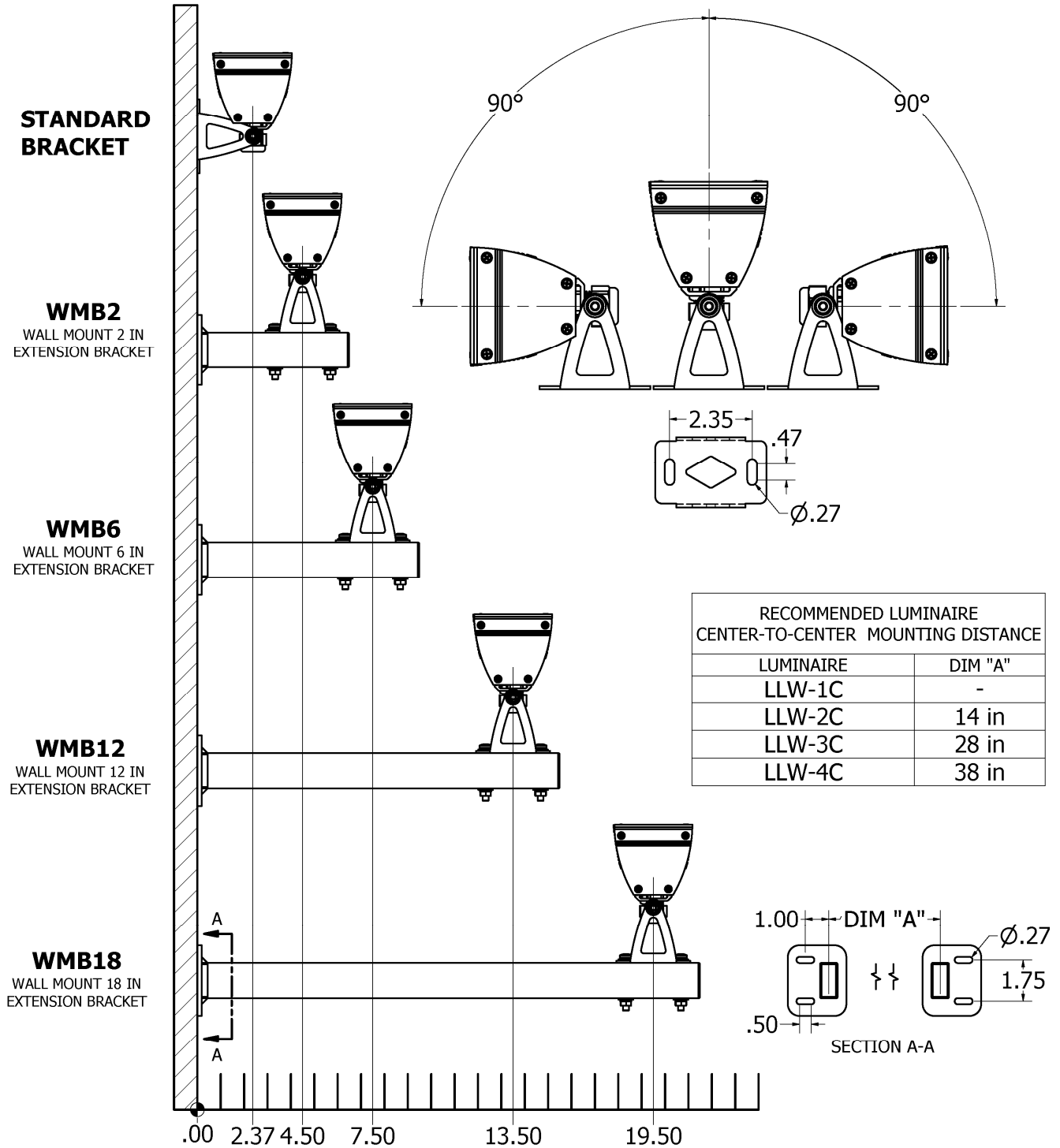
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Mounting Options



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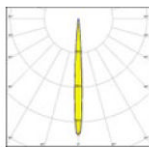
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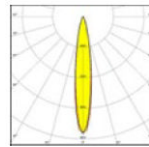
RGBW Output Lumens Conversion Table

Catalog No	Nominal Length of Luminaire (feet)	Output Lumens Values					
		RGBW	RGB	Red	Green	Blue	White
LLW4C-100W	4	6194	3839	1071	1841	926	2355
LLW3C-75W	3	4646	2879	804	1381	695	1766
LLW2C-50W	2	3097	1920	536	921	463	1177
LLW1C-25W	1	1549	960	268	460	232	589

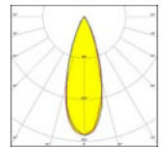
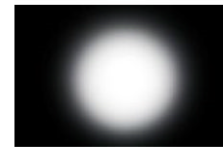
Optical Beam Selection guide



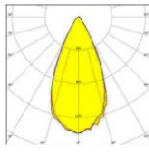
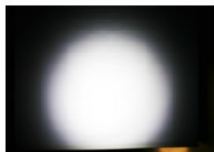
Very Narrow Spot 8° - D08



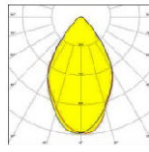
Narrow Spot 12° - D12



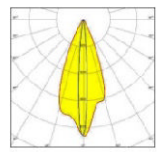
Medium Spot 30° - D30



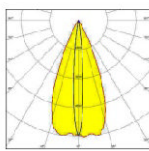
Wide Spot 45° - D45



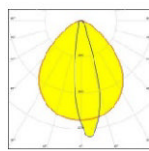
Very Wide Spot 60° - D60



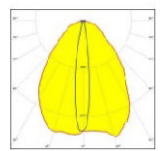
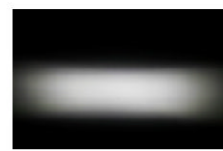
Elliptical horiz. 40° x 10° - ELH



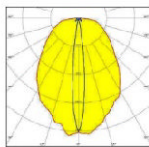
Elliptical Vertical 10° x 40° - ELV



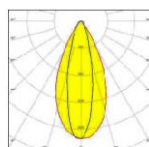
Asymetric Wall Wash - ASY



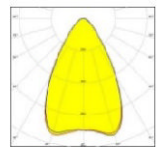
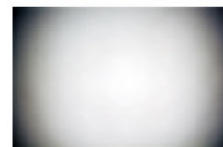
Narrow Rect. 92° x 18° - NRH



Narrow Rect. 18° x 92° - NRV



Wide Rect. 32° x 22° - WRH



Square 70° x 70° - SQR

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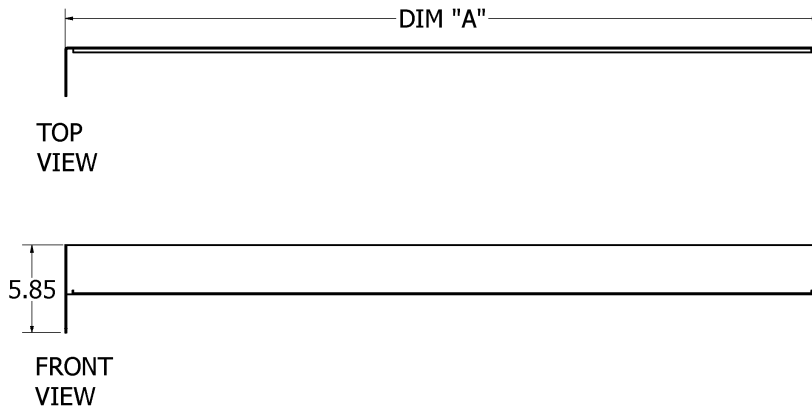


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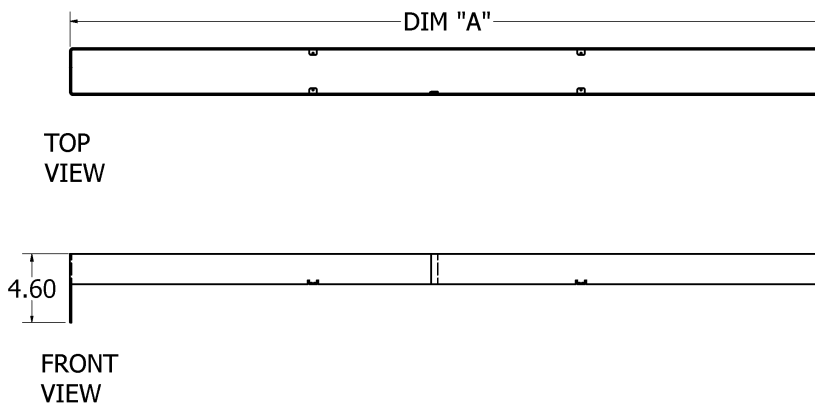
Glare Control Accessories

VISOR



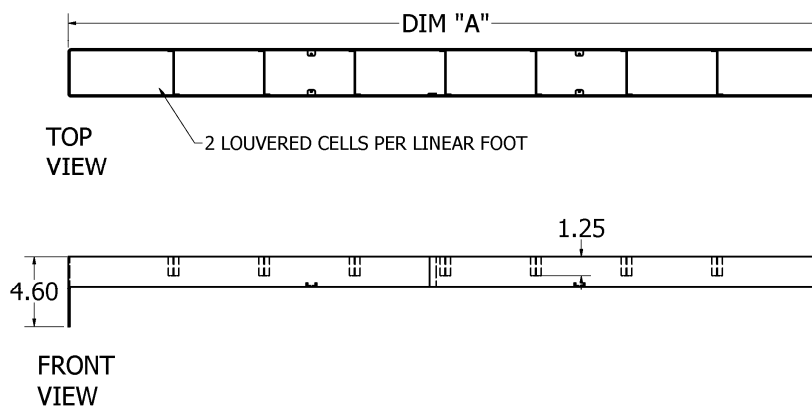
PART VARIATIONS	
PART NUMBER	DIM "A"
LLW-1C	13.95 IN
LLW-2C	25.95 IN
LLW-3C	37.95 IN
LLW-4C	49.95 IN

REGULAR HOOD



PART VARIATIONS	
PART NUMBER	DIM "A"
LLW-1C	13.95 IN
LLW-2C	25.95 IN
LLW-3C	37.95 IN
LLW-4C	49.95 IN

CROSS LOUVERED HOOD



PART VARIATIONS	
PART NUMBER	DIM "A"
LLW-1C	13.95 IN
LLW-2C	25.95 IN
LLW-3C	37.95 IN
LLW-4C	49.95 IN

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LED Linear Wallwasher

WIRING DIAGRAM - DIMMING (DMX) SIDE-BY-SIDE WIRING (SB)

NOTE: DUE TO WIRE CURRENT LIMITATIONS A NEW JUNCTION BOX AND POWER SOURCE ARE NEEDED AFTER THE FOLLOWING:

50W LUMINAIRES: 20 LUMINAIRES MAXIMUM
100W LUMINAIRES: 10 LUMINAIRES MAXIMUM

32 LUMINAIRES PER RUN MAXIMUM WITHOUT A SIGNAL REPEATER.

LAST FIXTURE

120 OHM TERMINATING PLUG

STANDARD CONNECTOR LENGTH IS 4 FEET BETWEEN LUMINAIRES

ALL CONNECTIONS MUST BE MADE IN A WEATHERTIGHT IP66 ENCLOSURE (BY OTHERS)

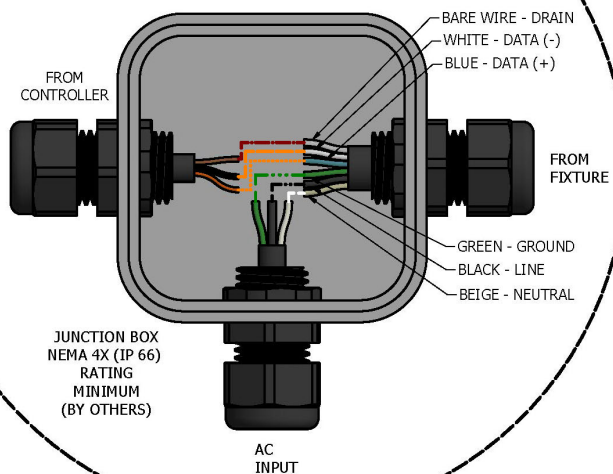
POWER WIRES ARE 14AWG - 600V STRANDED COPPER WIRES
DATA WIRES ARE 20AWG SINGLE TWISTED PAIR
DRAIN WIRE IS 24AWG STRANDED WIRE

#14-3 SEOOO POWER CORD (PROVIDED BY OTHERS)

DMX CONTROLLER (PROVIDED UPON REQUEST)

CONTINUE WIRING AS SHOWN UNTIL THE LAST FIXTURE IN THE RUN

MAKE ALL CONNECTIONS WITH WIRE NUTS, WAGOS OR OTHER UL RECOGNIZED CONNECTORS



RECOMMENDED DMX CABLE - BELDEN 7919A
OUTDOOR RATED 24AWG BARE COPPER - 4
TWISTED PAIRS, OVERALL FOIL SHIELDED

NOTE: MAXIMUM TOTAL SIGNAL WIRE MUST NOT BE GREATER THAN 1000 FEET WITHOUT A SIGNAL REPEATER

NOTE: DMX WIRING MUST BE DONE IN SERIES AS SHOWN. USING A Y-SPLIT CONNECTION IS **NOT** RECOMMENDED. Y-SPLIT WIRING FOR DMX IS NOT RELIABLE. IF A Y-SPLIT MUST BE MADE, A SIGNAL REPEATER MUST USED TO SPLIT THE SIGNAL.

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Luminaire Catalog Number		Catalog Adder			Options		
Model Number	Power Consumption (Watts)	Beam Distribution	Input Voltage (VAC)	Lighting Controls	Luminaire Configuration	Luminaire Mounting	Glare Control
LLW1C	25	D08 - 8° Very Narrow Beam	U - 120V-277V	DMX - DMX Interface Only	SA - Stand Alone	S - Standard Bracket	V - Visor
LLW2C	50	D12 - 12° Narrow Beam			SB - Side-By-Side	02 - 2" Wall Mount Bracket	H- Hood
LLW3C	75	D30 - 30° Medium Beam				06 - 6" Wall Mount Bracket	C - Cross Louver
LLW4C	100	D45 - 45° Wide Beam				12 - 12" Wall Mount Bracket	
		D60 - 60° Very Wide Beam				18 - 18" Wall Mount Bracket	
		ELH - Elliptical Horizontal Beam					
		ELV - Elliptical Vertical Beam					
		ASY - Asymmetric Beam					
		NRH - Narrow Rectangular Horizontal Beam					
		NRV - Narrow Rectangular Vertical Beam					
		WRH - Wide Rectangular Horizontal Beam					
		SQR - Square Beam					

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