

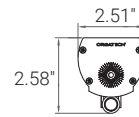
Minatura 1300

RGB, RGBW, RGBW-Pixel

Linear Wallwash LED

24V | 120-277VAC | 110-277VAC

ORGATECH



Lengths (1ft, 1.5ft, 2ft, 3ft, 3.5ft, 4ft)

Project
Date



RGB 2.7 w/ft	Delivered Output	Watts
1ft nom.	120lm	2.7w
2ft nom.	240lm	5.4w
3ft nom.	360lm	8.1w
4ft nom.	480lm	10.8w

RGBW 5.8 w/ft	Delivered Output	Watts
1ft nom.	270lm	5.8w
2ft nom.	540lm	11.6w
3ft nom.	810lm	17.4w
4ft nom.	1080lm	23.2w

RGBW-P 6 w/ft	Delivered Output	Watts
1ft nom.	451lm	6w
2ft nom.	902lm	12w
3ft nom.	1353lm	18w
4ft nom.	1804lm	24w

DESCRIPTION

High-performance, ultra-low profile linear wallwash luminaire with anodized aluminum construction and polycarbonate lenses. Easy-to-use twist-together connectors facilitate hassle-free installations for lengths up to 200 ft and offers RGBW DMX512 control and self-addressing in 8" increments. Versatile optics enable grazing to long throw and increase lumen output by up to 5X over 120° Flood optics enhance lumen output by up to 5 times; perfect for all of your wallwashing requirements.

FEATURES

Construction Anodized Aluminum w/ Diecast Endcaps. Polycarbonate lenses.

Length (nom.) 1ft, 2ft, 3ft, 4ft

Weight 1lb/ft

CCT RGB, RGBW

Control PWM, DMX w/ RDM, Auto Addressing DMX 8" Addresses

Optics 45°, 120°

Mounting Swivel Mount, Extended Arm, Extended Hub Bracket, L Bracket, Sliding Bracket & Permapost

Finish Anodized Silver, Powder Coat Bronze, Black, White & Custom

PERFORMANCE

Electrical 24V, 110-277VAC, Row Interconnection or daisy chain with IP67 starter and jumper cables. Integral Drivers.

LED Wattage RGB 2.7W/ft (120lm/ft) | RGBW 5.8W/ft (270lm/ft) | RGBW-P 6W/ft (451lm/ft)

Max Run 24V-20ft | 120V-80ft | 240V-140ft | 277V-200ft | 347V available upon request | RGBW-P 110-277VAC - 85ft

Environment Wet Location - IP67. Operating Temperature - 22°F to 122°F

Warranty 5 year/ 50,000 hour limited warranty

CRI RGB/RGBW - 93+ | RGBW-P - 90+

Certifications UL Listed, ROHS, 3G Rated, UL Tested in accordance to ANSI C136.31-2018, BAA and BABA Options Available

ORDERING GUIDE Make selections by filling out the top row or highlighting options.

1300										
SERIES	LENGTH	OUTPUT	CCT	VOLTAGE	CONTROL	OPTICS	MOUNTING	FINISH	ACCESSORY	CERTIFICATIONS
1300	1 1'nom 1.5 1.5'nom 2 2'nom 3 3'nom 3.5 3.5'nom 4 4'nom	LS STANDARD	RGB RGBW RGBWP	U 120-277V 24V 24V	PWM PWM DMX DMX w/RDM MA AUTO ADDRESSING DMX 8 INCH PIXELS*	45 45° 120 120°	SW SWIVEL MOUNT Ax EXTENDED ARM (x=length: 4 - 36in) HBxx EXTENDED HUB BRACKET (x=length) LB L-BRACKET SB SLIDING BRACKET	SO SILVER BZ BRONZE BL BLACK WH WHITE CU CUSTOM	G GLARE SHIELD P PERMAPOST M MARINE GRADE FINISH 2 NATATORIUM SF* SURGE PROTECTOR & INLINE FUSE N NONE	BAA BAA BABA BABA N NONE

*SF OPTION REQUIRES VOLTAGE REQUIREMENT TO NOT EXCEED 240VAC / ONLY AVAILABLE ON (U) UNIVERSAL VOLTAGE SYSTEMS

Specifications sheets are subject to change without notification.

Orgatech® | 12203 Magnolia Ave Suite 1, Riverside, CA 92503 | 626.969.6820 | orgatech.com | 08/2025 V17

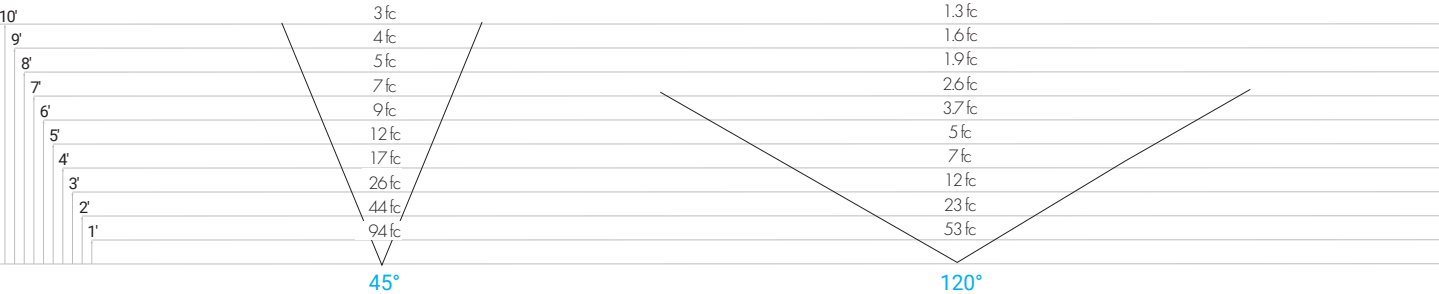


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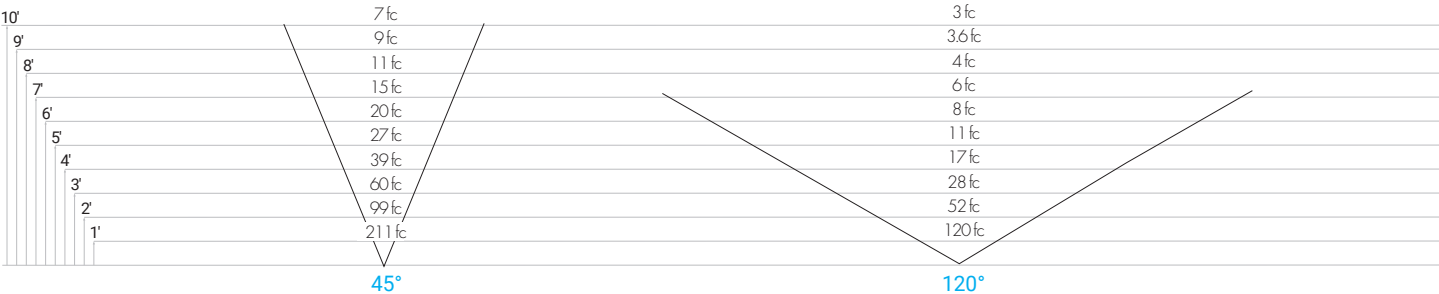
PHOTOMETRICS AND OPTICS

Aiming fixtures with the lens options shown enable perfect asymmetric performances to meet the needs of any wallwashing project. Combining easy specification with easy aiming for long throw with even, shadowless distribution.

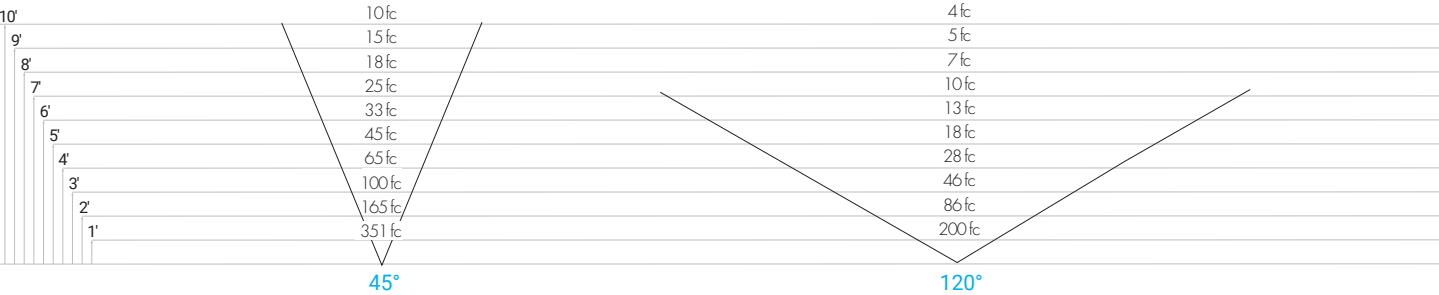
PHOTOMETRIC DATA - LS RGB 2.7W/ft (based off 4ft fixture)



PHOTOMETRIC DATA - LS RGBW 5.8W/ft (based off 4ft fixture)



PHOTOMETRIC DATA - LS RGBW-P 6W/ft (based off 4ft fixture)



OPTICS

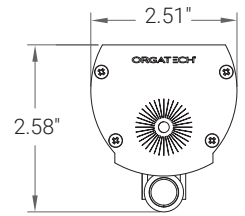
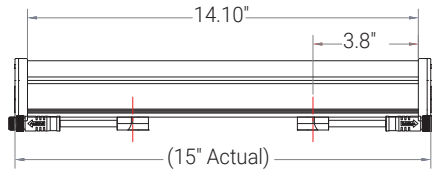


Minatura® 1300 RGB, RGBW, RGBW-Pixel

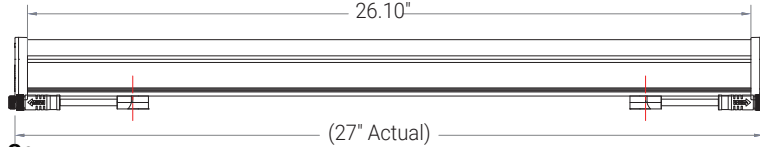
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FIXTURE SIZES RGB / RGBW

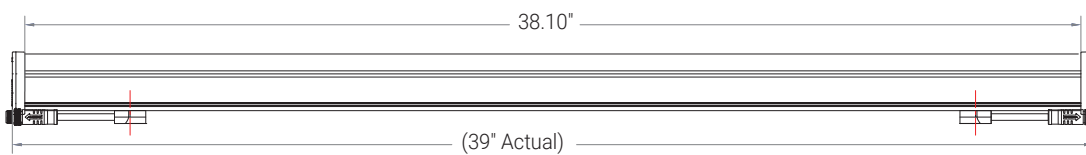
1ft nom.



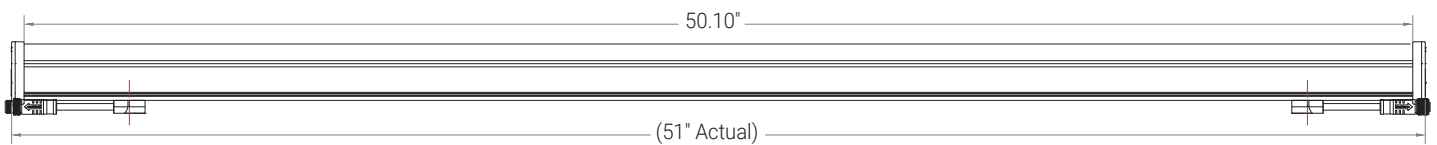
2ft nom.



3ft nom.

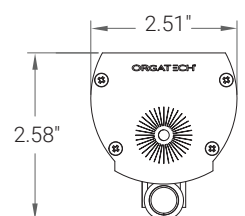
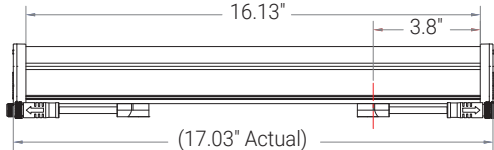


4ft nom.

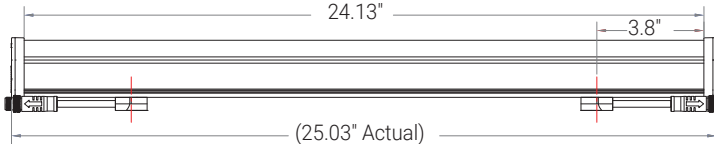


RGBW - PIXEL

1.5ft nom.



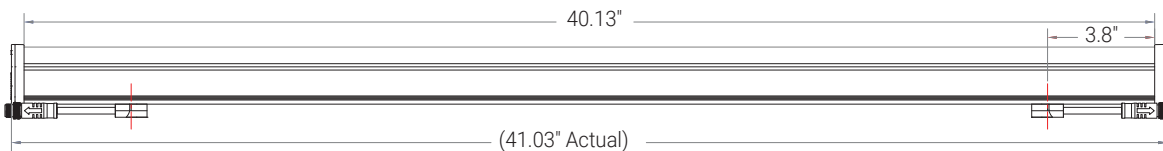
2ft nom.



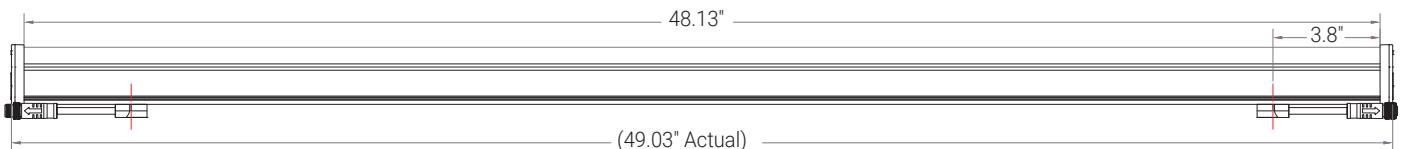
3ft nom.



3.5ft nom.



4ft nom.

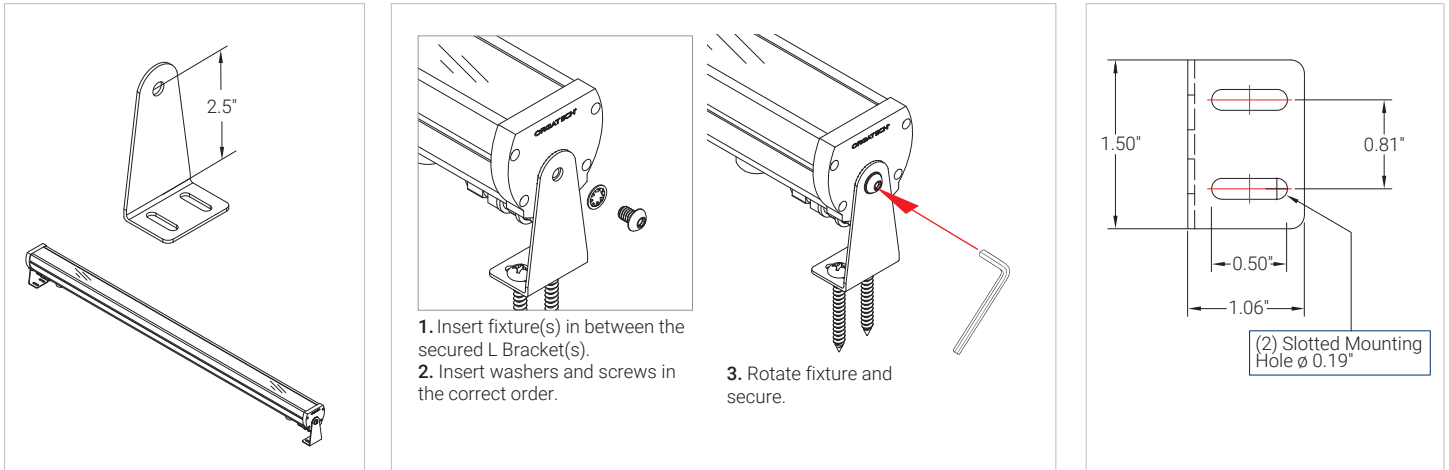


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ACCESSORIES

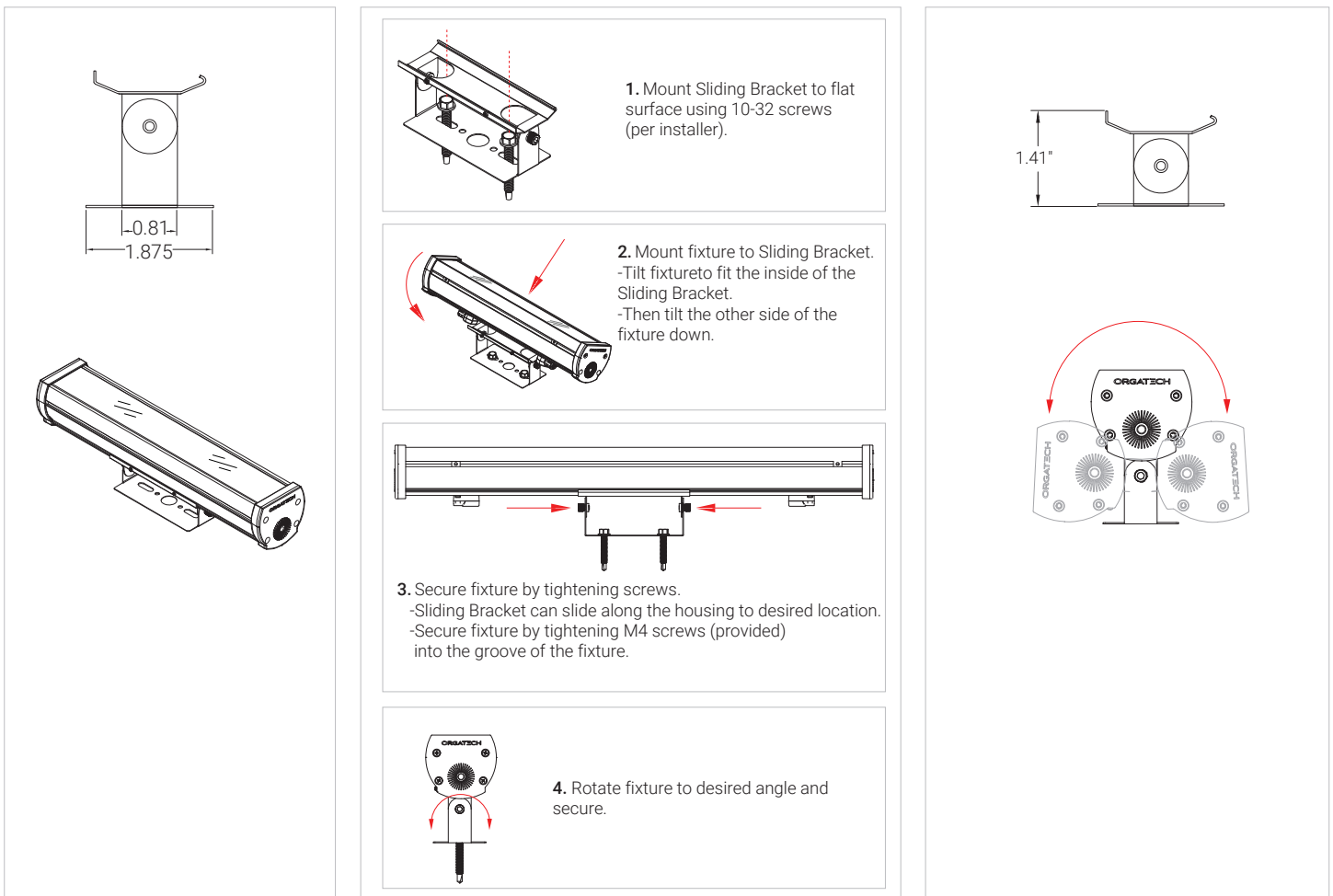
L-BRACKET

Surface mounts in position with No. 10 screws (not supplied). All fixtures require two brackets.



SLIDING BRACKET

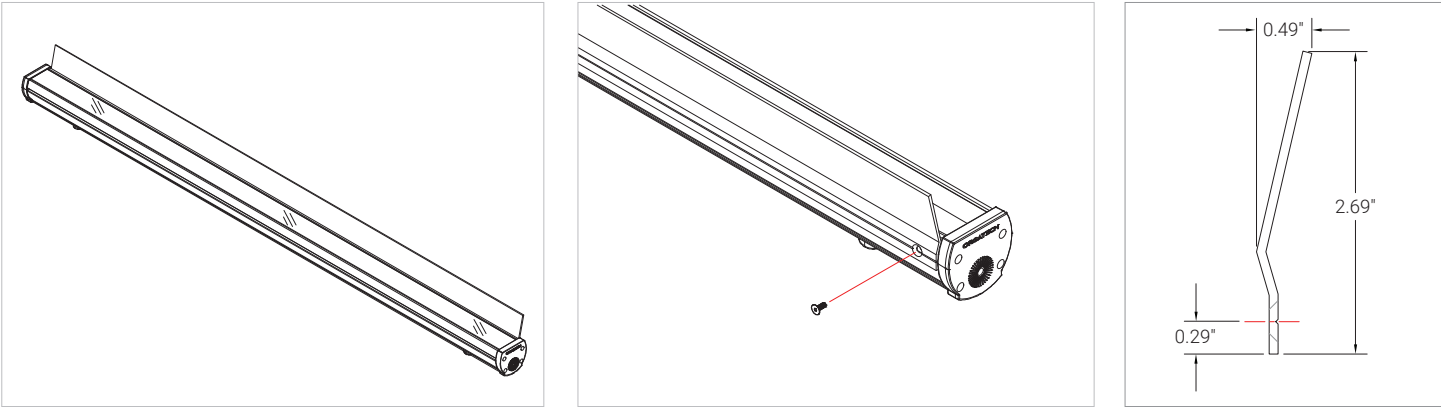
Surface Mount Aluminum Sliding bracket. Designed to allow the fixture to rotate and aim 180 degrees and mount flat to any surface. Two Brackets required for fixtures longer than 2 ft.



ACCESSORIES

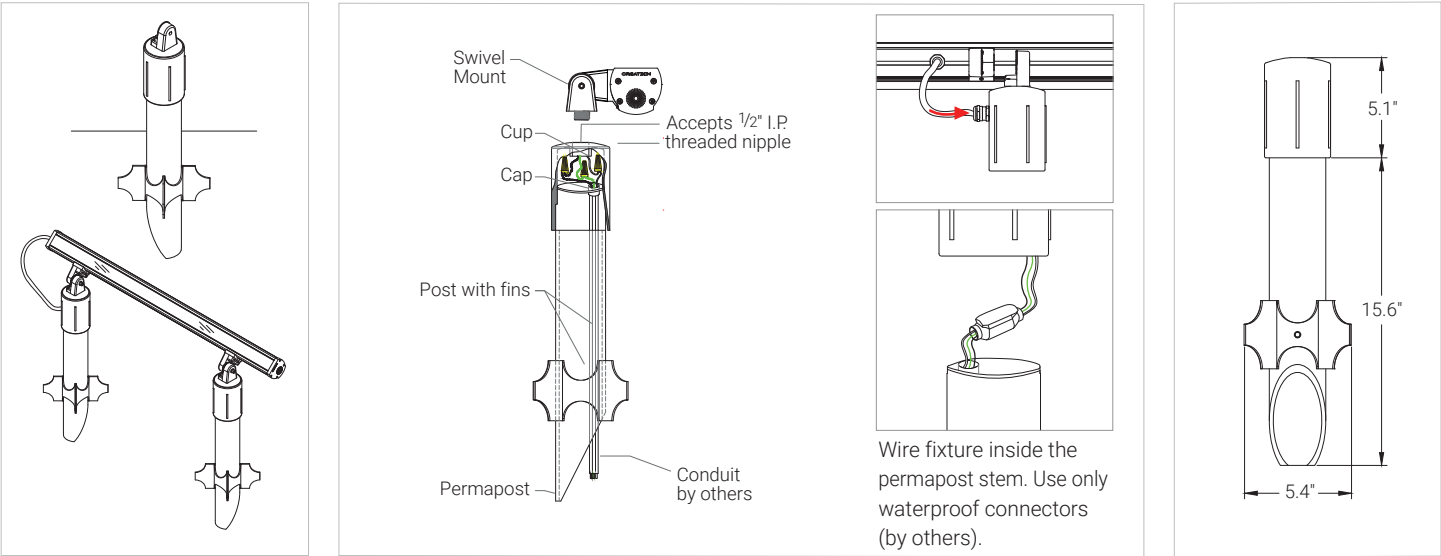
GLARE SHIELD

Minimizes a direct glare, while maintaining the LED output.

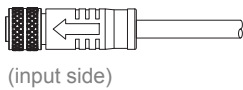


PERMAPOST

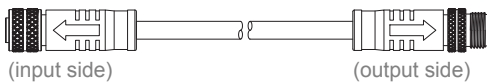
Provides easy at-grade installation. Includes swivel mount with 1/2" nipple. Fixture must be mounted at least 4" above ground level to avoid water accumulation.



STARTER CABLE



JUMPER CABLE



END CAP (output side)



PART #	DESCRIPTION
M12-SC-4FT	48" Starter Cable
PART #	DESCRIPTION
M12-JC-1FT	12" Jumper Cable
M12-JC-2FT	24" Jumper Cable
M12-JC-3FT	36" Jumper Cable
M12-JC-4FT	48" Jumper Cable
PART #	DESCRIPTION
M12-FC-ENDCAP	End Cap (output side)

*longer cable lengths available per request.

CONTROLLERS

DRIVER ORDERING CHART IP67 Rated, 120V-277V in –24V out. 347V available upon request.

Make selections by filling out the top row to create part number. (Choose your wattage, dimming, & output voltage)

Part Number Example: BSD-40-CV-U-ND-N-MW-24V

BSD		CV	U	ND	N	MW	24V
	WATTAGE			DIMMING			OUTPUT VOLTAGE
	40			ND (NON DIMMING)			24V
	60						
	100						
	120						
	150						
	185						
	320						
	480						
	600						
	1000						
	1500*						
	2500*						

*1500W & 2500W rated for indoor use only

CONTROLLERS


DMX Control Keypad DE3
 Touch Sensitive Intelligent Control Pad

- Sleek glass design
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

LINEARdrive DC Controller
 DMX/DALI/0-10V

- 4 Control Channels
- Constant Voltage
- 4X LED Outputs
- Intuitive 3 Button User Interface
- Full Color Lighting

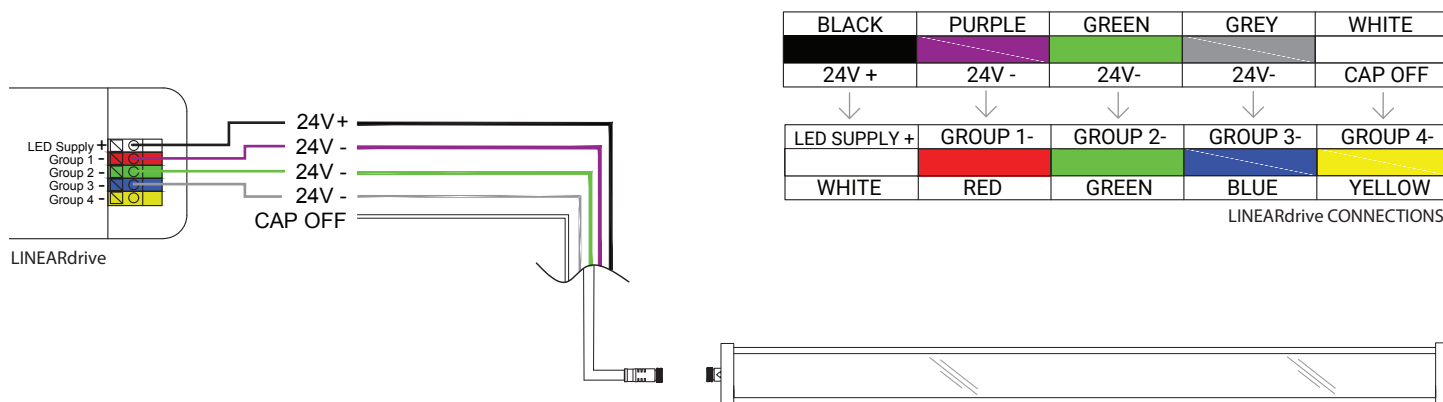


Part #	Description
011410	DMX Control Keypad DE3
011343	LINEARdrive DC 100W
011344	LINEARdrive DC 180W
011345	LINEARdrive DC 720W
011403	DINA DR1 DMX Controller

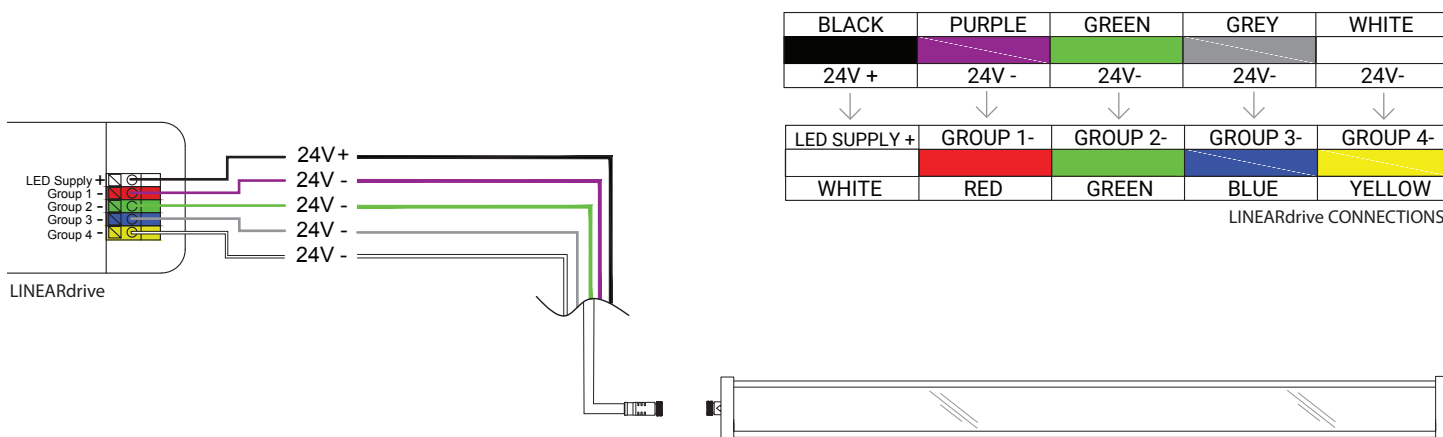
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ELECTRICAL DETAILS

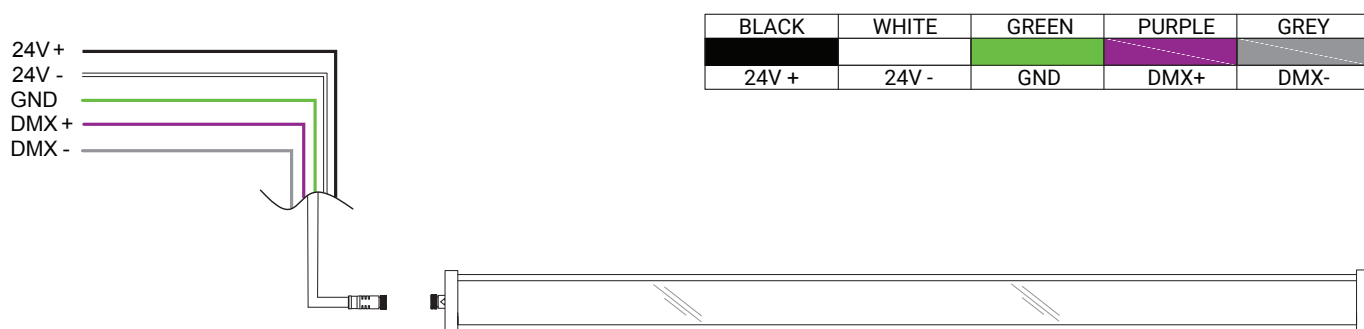
RGB 24V SYSTEM - PWM | 4 WIRE



RGB / RGBW 24V SYSTEM DMX | 5 WIRE

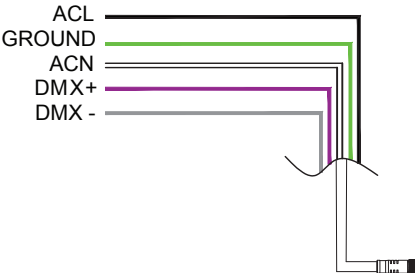


RGBW 24V SYSTEM - PWM | 5 WIRE



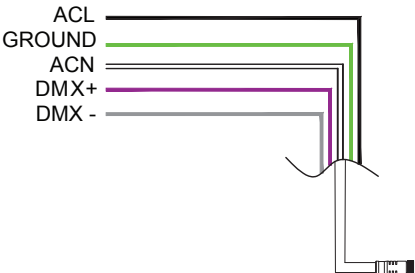
ELECTRICAL DETAILS

RGB / RGBW 120-277V DMX | 5 Wire



BLACK	WHITE	GREEN	PURPLE	GREY
ACL +	ACN -	GROUND	DMX +	DMX -

RGBW-P 110-277V DMX | 5 Wire



BLACK	WHITE	GREEN	PURPLE	GREY
ACL +	ACN -	GROUND	DMX +	DMX -