1054YM · RGBW · GROUND BOX

Specification Sheet | Commercial Series • Linear Floodlight

TYPE: MODEL:

PROJECT:

PRODUCT FEATURES

Wattage	100 W (MAX)
Voltage	120 – 277 VAC
Lumens	8346 Delivered Lumens (MAX)
Distribution	Narrow, Medium Flood, Wide Flood, Wall Wash, Wall Grazer, Asymmetric
Color	RGB and Tunable White (2200K – 6000K)
Controls	DMX 512–A with RDM capabilities
Driver	4 channel DMX512–A/RDM compatible
Fixture Dimensions	48" W x 8 7/16" H
Ground Box Dimensions	8" DIA x 6" D

ORDERING INFORMATION

EXAMPLE: ***1054YM-B-AS-RGBW-GBS12-MV-DMX***

MODEL	FINISH	DISTRIBUTION	COLOR	MOUNTING	VOLTAGE	CONTROL	ACCESSORIES
1054YM			RGBW		MV	DMX	

MODEL	FINISH			DISTRIBUTION
1054YM	**B** Black	**BR** Architectural Brick	**G** Verde	**NS** Narrow
	Z Architectural Bronze	**LZ** Light Bronze	**P** Pewter	**MF** Medium Flood
	DZ Dark Bronze	**SB** Special Bronze	**M** Mocha	**WF** Wide Flood
	GT Granite	**GG** Glossy Gray	**OF** Olde Finish	**WW** Wall Wash
	W White	**R** Rust		**WG** Wall Grazer
		HG Hunter Green		**AS** Asymmetric
		WB Weathered Bronze		
		WI Weathered Iron		
		GM Graphite Metallic		

COLOR	MOUNTING	VOLTAGE	CONTROL	ACCESSORIES
RGBW RGB + Tunable White	**GBS12** Ground Box ½" NPT side hubs	**MV** Multi Volt	**DMX** DMX 512-A with RDM capabilities	**GS** Internal Glare Shield
	GBS34 Ground Box ¾" NPT side hubs			**VR** Polycarbonate Lens
	GBB12 Ground Box ½" NPT bottom hubs			
	GBB34 Ground Box ¾" NPT bottom hubs			
	GBA12 Ground Box ½" NPT all hubs			
	GBA34 Ground Box ¾" NPT all hubs			

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SPECIFICATIONS

FIXTURE HOUSING:
Extruded aluminum body with die-cast aluminum end caps and mountings. Optic and driver compartment environmentally sealed. Mounted on extruded aluminum yoke.

GROUND BOX HOUSING:
Injection molded PPS polymer, glass filled. Separate power and communication splicing compartments environmentally sealed.

FINISH:
Powder coat finish available in Black, Architectural Bronze, Dark Bronze, Granite, White, Architectural Brick, Light Bronze, Special Bronze, Glossy Gray, Rust, Hunter Green, Weathered Bronze, Weathered Iron, Graphite Metallic, Verde, Pewter, Mocha and Olde Finish. Custom Powder coat finishes available on request.

REFLECTOR:
Specular or semi-specular extruded aluminum optics anodized and bright dipped for maximum reflectivity.

ACCESSORIES:
Internal Glare Shield **GS** and Polycarbonate Lens **VR**

WIRING:
- **Power**: 3 conductors. Terminates in isolated power junction box of the Ground Box.
- **Communication**: DMX: 2 twisted pairs in & out plus drain. Terminates in isolated communication junction box of the Ground Box.
- **Cabling**: 3 conductor outdoor rated power cable and outdoor rated DMX cable factory installed between Luminaire and Ground Box Cover sealed with liquid tight cable fittings.

MOUNTING:
- **Fixture**: Extruded aluminum Yoke Mount, affixed with stainless steel hardware. Yoke Mount is adjustable for precise aiming. Yoke provided with ½ NPT stainless steel cable fitting factory installed to the Ground Box Cover.
- **Ground Box**: Stainless steel bracketry included for attachment to rebar when recessed mounting in concrete.
- **Concrete Pour Mask** (**CPM**): Included for recessed mounting in concrete.

CERTIFICATION:
cULus wet location listed.

LED:
White and RGB LEDs arranged in four channel configuration.
Configuration allows for infinite color combinations.

CONTROLS:
Integral drivers equipped, **Two (2) included in fixture head**, with DMX512-A protocols.
Each integral driver has a unique 12 digit UID.
Fixture identification accessible through RDM and consumes **2 Nodes** on a standard **32 Node** (max) DMX BUS.

COLOR RENDERING (WHITE):
90 CRI minimum at 3000K

AIMING:
Fixture aiming achieved via an aluminum yoke strap and stainless fasteners beneath removable decorative yoke caps. Fixture can swing completely through yoke strap.

LIGHT DISTRIBUTION [WHITE]**:**
Narrow **NS** (88.3° H x 28.4° V) | Max. Candela: 6121
Medium Flood **MF** (95.3° H x 57.3° V) | Max. Candela: 2521
Wide Flood **WF** (78.2° H x 88.2° V) | Max. Candela: 3102
Wall Wash **WW** (83.5° H x 50.5° V) | Max. Candela: 4176
Wall Grazer **WG** (101.1° H x 20.6° V) | Max. Candela: 11481
Asymmetric **AS** (91.8° H x 67.3° V) | Max. Candela: 4146

DRIVER:
4 channel DMX512-A/RDM compatible driver 12 digit UID number.

Driver is factory set to start Channel 1:
Channel 1 – Red
Channel 2 – Green
Channel 3 – Blue
Channel 4 – White

The start channel can be changed during commissioning via RDM using the driver 12 digit UID number.

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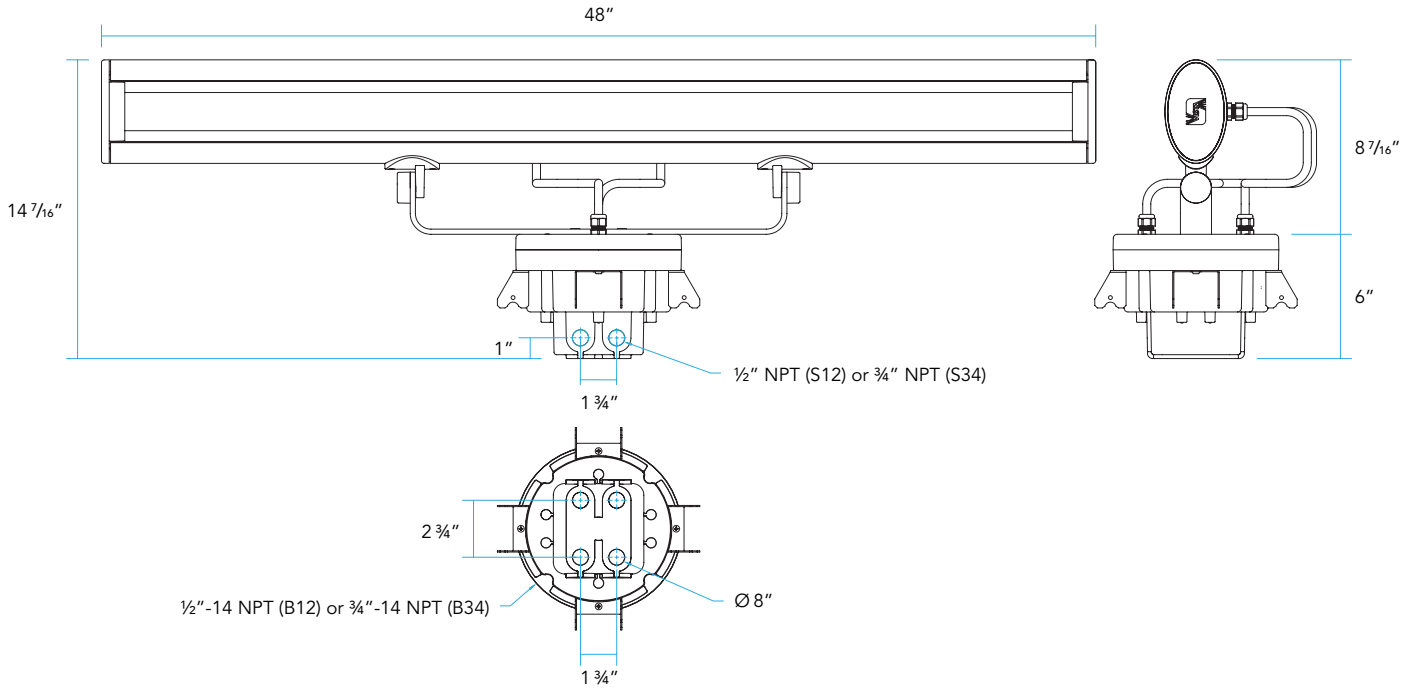
DIMENSIONS



DELIVERED LUMENS SPECIFICATION

DISTRIBUTION	RED	GREEN	BLUE	WHITE
Narrow **NS**	30 Watts / 791 Lumens	41 Watts / 1884 Lumens	40 Watts / 426 Lumens	96 Watts / 6489 Lumens
Medium Flood **MF**	30 Watts / 1009 Lumens	42 Watts / 2473 Lumens	41 Watts / 562 Lumens	98 Watts / 8271 Lumens
Wide Flood **WF**	31 Watts / 884 Lumens	42 Watts / 2073 Lumens	42 Watts / 553 Lumens	99 Watts / 6630 Lumens
Wall Wash **WW**	31 Watts / 916 Lumens	42 Watts / 2131 Lumens	43 Watts / 562 Lumens	99 Watts / 6930 Lumens
Wall Grazer **WG**	31 Watts / 1073 Lumens	42 Watts / 2550 Lumens	42 Watts / 680 Lumens	100 Watts / 8346 Lumens
Asymmetric **AS**	29 Watts / 908 Lumens	41 Watts / 2157 Lumens	41 Watts / 485 Lumens	96 Watts / 7069 Lumens

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CHROMATICITY

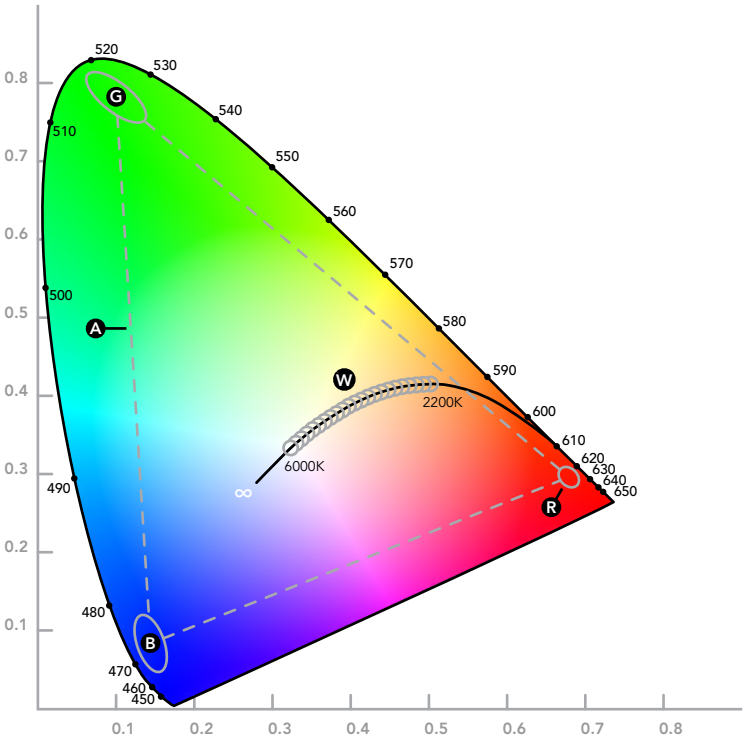
COLOR TEMPERATURE WHITE [W]**:**
2200K – 6000K **CCT**

RED WAVELENGTH [R]**:**
619nm – 625nm

GREEN WAVELENGTH [G]**:**
520nm – 530nm

BLUE WAVELENGTH [B]**:**
465nm – 475nm

LED MODELS:
Lumileds LUXEON 2835 HE
Lumileds LUXEON 3528 RGB



- **R** Red Wavelength Range
- **G** Green Wavelength Range
- **B** Blue Wavelength Range
- **W** White Color Temperature Range
- **A** Combined RGB Visible Color Range

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