



# 1052YM · RGBW · GROUND BOX

Specification Sheet | Commercial Series · Linear Floodlight

TYPE:

MODEL:

PROJECT:

## PRODUCT FEATURES



Wattage	50 W (MAX)
Voltage	120 – 277 VAC
Lumens	4162 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	24 13/32" W x 8 13/32" H
Ground Box Dimensions	8" DIA x 6" D



## ORDERING INFORMATION

EXAMPLE: 1052YM-B-AS-RGBW-GBS12-MV-DMX

MODEL	FINISH	DISTRIBUTION	COLOR	MOUNTING	VOLTAGE	CONTROL	ACCESSORIES
1052YM			RGBW		MV	DMX	

MODEL	FINISH				DISTRIBUTION			
1052YM	<b>B</b>	Black	<b>BR</b>	Architectural Brick	<b>G</b>	Verde	<b>NS</b>	Narrow
	<b>Z</b>	Architectural Bronze	<b>LZ</b>	Light Bronze	<b>P</b>	Pewter	<b>MF</b>	Medium Flood
	<b>DZ</b>	Dark Bronze	<b>SB</b>	Special Bronze	<b>M</b>	Mocha	<b>WF</b>	Wide Flood
	<b>GT</b>	Granite	<b>GG</b>	Glossy Gray	<b>OF</b>	Olde Finish	<b>WW</b>	Wall Wash
	<b>W</b>	White	<b>R</b>	Rust			<b>WG</b>	Wall Grazer
			<b>HG</b>	Hunter Green			<b>AS</b>	Asymmetric
			<b>WB</b>	Weathered Bronze				
			<b>WI</b>	Weathered Iron				
			<b>GM</b>	Graphite Metallic				
COLOR	MOUNTING		VOLTAGE		CONTROL		ACCESSORIES	
<b>RGBW</b> RGB + Tunable White	<b>GBS12</b>	Ground Box ½” NPT side hubs	<b>MV</b> Multi Volt		<b>DMX</b> DMX 512-A with RDM capabilities		<b>GS</b>	Internal Glare Shield
	<b>GBS34</b>	Ground Box ¾” NPT side hubs					<b>VR</b>	Polycarbonate Lens
	<b>GBB12</b>	Ground Box ½” NPT bottom hubs						
	<b>GBB34</b>	Ground Box ¾” NPT bottom hubs						
	<b>GBA12</b>	Ground Box ½” NPT all hubs						
	<b>GBA34</b>	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. Integral 4 channel DMX driver completely wired by factory.

### 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:** 8 conductor outdoor rated 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:

CUL US wet location listed.  
Ingress Protection Rating: IP66

### LED:

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

### CONTROLS:

Integral drivers equipped, **One (1) included**, with DMX512-A protocols. Each integral driver has a unique 12 digit UID. Fixture identification accessible through RDM and consumes **1 Node** 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: 3061  
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: 1551  
Wall Wash **WW** (83.5° H x 50.5° V) | Max. Candela: 2088  
Wall Grazer **WG** (101.1° H x 20.6° V) | Max. Candela: 5740  
Asymmetric **AS** (91.8° H x 67.3° V) | Max. Candela: 2073

### DRIVER:

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

Driver is factory set to start Channel 1:

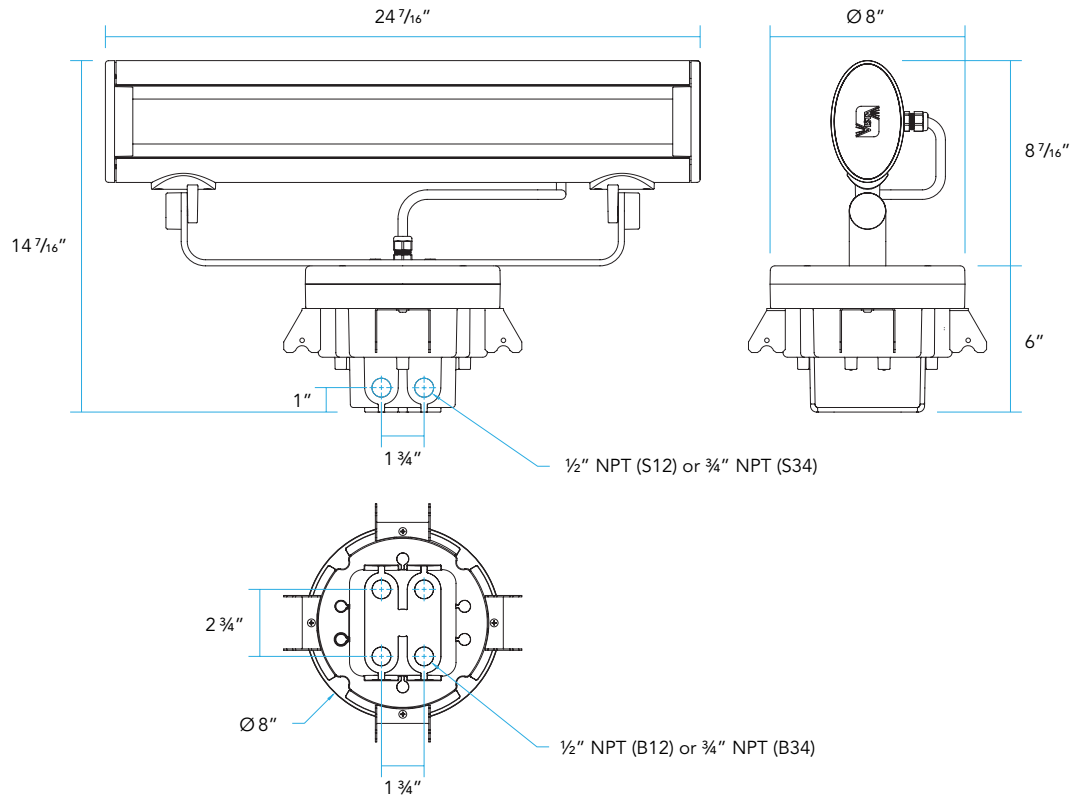
Channel 1 – Red  
Channel 2 – Green  
Channel 3 – Blue  
Channel 4 – White

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





## DIMENSIONS



## DELIVERED LUMENS SPECIFICATION

DISTRIBUTION	RED	GREEN	BLUE	WHITE
Narrow NS	15 Watts 396 Lumens	21 Watts 943 Lumens	20 Watts 213 Lumens	48 Watts 3160 Lumens
Medium Flood MF	15 Watts 467 Lumens	21 Watts 1146 Lumens	20 Watts 260 Lumens	48 Watts 3831 Lumens
Wide Flood WF	15 Watts 441 Lumens	21 Watts 1036 Lumens	21 Watts 277 Lumens	50 Watts 3418 Lumens
Wall Wash WW	15 Watts 457 Lumens	21 Watts 1065 Lumens	21 Watts 281 Lumens	50 Watts 3525 Lumens
Wall Grazer WG	15 Watts 536 Lumens	21 Watts 1274 Lumens	21 Watts 340 Lumens	50 Watts 4162 Lumens
Asymmetric AS	15 Watts 453 Lumens	21 Watts 1077 Lumens	20 Watts 242 Lumens	48 Watts 3575 Lumens





## 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

