



1051YM • RGBW • GROUND BOX

Specification Sheet | Commercial Series • Linear Floodlight

TYPE:

MODEL:

PROJECT:

PRODUCT FEATURES



| | |
|-----------------------|--|
| Wattage | 34 W (MAX) |
| Voltage | 120 – 277 VAC |
| Lumens | 2546 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 | 13 11/32" W x 6 3/4" H |
| Ground Box Dimensions | 8" DIA x 6" D |



ORDERING INFORMATION

EXAMPLE: 1051YM-GM-MF-RGBW-GBS12-MV-DMX-GS

| MODEL | FINISH | DISTRIBUTION | COLOR | MOUNTING | VOLTAGE | CONTROL | ACCESSORIES |
|--------|--------|--------------|-------|----------|---------|---------|-------------|
| 1051YM | | | RGBW | | MV | DMX | |

| MODEL | FINISH | | | | | DISTRIBUTION | | COLOR | |
|--|-----------|----------------------|-----------------------------------|---------------------|--|--------------|-----------|---------------------------------|---------------------------------|
| 1051YM | B | Black | BR | Architectural Brick | G | Verde | NS | Narrow | RGBW RGB + Tunable White |
| | 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 | | | | | |
| | | | | | | | | | |
| MOUNTING | | | VOLTAGE | | CONTROL | | | ACCESSORIES | |
| GBS12 Ground Box ½" NPT side hubs | | | MV Multi Volt (120-277VAC) | | 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. 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**, 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:

UL wet location listed.

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** (83.3° H x 28.4° V) | Max. Candela: 2173
Medium Flood **MF** (95.3° H x 57.4° V) | Max. Candela: 1537
Wide Flood **WF** (78.2° H x 88.2° V) | Max. Candela: 1070
Wall Wash **WW** (83.5° H x 50.6° V) | Max. Candela: 1419
Wall Grazer **WG** (101.2° H x 20.6° V) | Max. Candela: 3501
Asymmetric **AS** (91.8° H x 67.3° V) | Max. Candela: 1472

DRIVER:

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

Driver is factory set to start Channel 1:

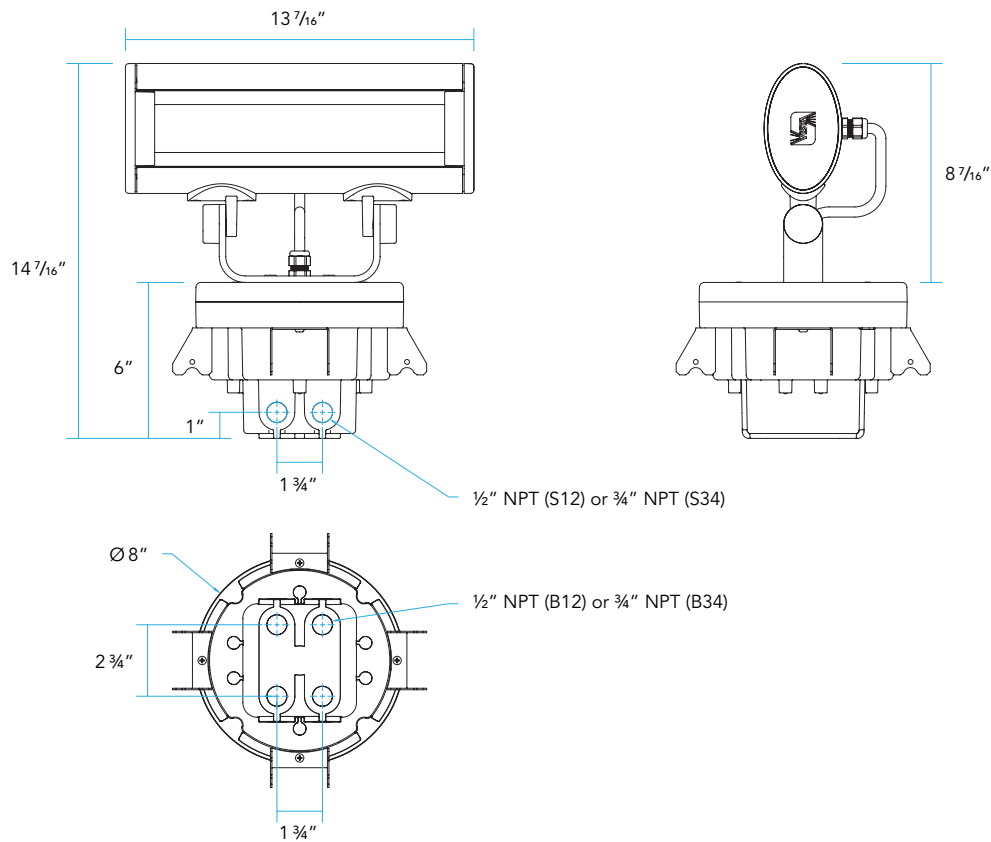
Channel 1 – Red
Channel 2 – Green
Channel 3 – Blue
Channel 4 – White

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 | 8 Watts 222 Lumens | 12 Watts 528 Lumens | 11 Watts 119 Lumens | 34 Watts 2303 Lumens |
| Medium Flood MF | 9 Watts 262 Lumens | 12 Watts 643 Lumens | 12 Watts 146 Lumens | 34 Watts 2281 Lumens |
| Wide Flood WF | 9 Watts 248 Lumens | 12 Watts 580 Lumens | 12 Watts 155 Lumens | 34 Watts 2287 Lumens |
| Wall Wash WW | 9 Watts 257 Lumens | 12 Watts 597 Lumens | 12 Watts 157 Lumens | 34 Watts 2356 Lumens |
| Wall Grazer WG | 9 Watts 301 Lumens | 12 Watts 714 Lumens | 12 Watts 191 Lumens | 34 Watts 2546 Lumens |
| Asymmetric AS | 8 Watts 254 Lumens | 12 Watts 604 Lumens | 11 Watts 136 Lumens | 34 Watts 2510 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

