



1045 • RGBW • GROUND BOX

Specification Sheet | Commercial Series • Floodlight

TYPE:

MODEL:

PROJECT:

PRODUCT FEATURES



Wattage	22 W (MAX)
Voltage	120 – 277 VAC
Lumens	727 Delivered Lumens (MAX)
Distribution	Narrow Spot (23.5°), Medium Flood (36°), Wide Flood (53.5°)
Color	RGB and Tunable White (2200K – 6000K)
Controls	DMX 512-A with RDM capabilities
Driver	4 channel DMX512-A/RDM compatible
Fixture Dimensions	4 ½" DIA x 10 ½" D
Ground Box Dimensions	8" DIA x 6" D



ORDERING INFORMATION

EXAMPLE: 1045-GM-MF-RGBW-GBS12-MV-DMX-FS

MODEL	FINISH	DISTRIBUTION	COLOR	MOUNTING	VOLTAGE	CONTROL	ACCESSORIES
1045			RGBW		MV	DMX	

MODEL	FINISH			DISTRIBUTION		COLOR	
1045	B	Black	BR	Architectural Brick	G	Verde	NS Narrow Spot MF Medium Flood WF Wide Flood RGBW RGB + Tunable White
	Z	Architectural Bronze	LZ	Light Bronze	P	Pewter	
	DZ	Dark Bronze	SB	Special Bronze	M	Mocha	
	GT	Granite	GG	Glossy Gray	OF	Olde Finish	
	W	White	R	Rust			
			HG	Hunter Green			
			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	BD	Barn Doors
GBS34	Ground Box ¾" NPT side hubs					FS	Full Light Shield
GBB12	Ground Box ½" NPT bottom hubs					HS	Half Light Shield
GBB34	Ground Box ¾" NPT bottom hubs					CS	Cast Shield
GBA12	Ground Box ½" NPT all hubs						
GBA34	Ground Box ¾" NPT all hubs						



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SPECIFICATIONS

FIXTURE HOUSING:

Die-cast A360 aluminum. Optic and driver compartment environmentally sealed.

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.

LENS:

4mm thick clear tempered glass

REFLECTOR:

Precision molded and metalized reflectors.

ACCESSORIES:

Barn Doors **BD**, Full Shield **FS**, Half Shield **HS**, Cast Shield **CS** available.

LED:

5 white, 4 Red, 4 Green, 4 Blue high performance LEDs in 4 channel configuration.

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):

80 CRI minimum at 3000K

AIMING:

Fixture aiming achieved via Infinity Knuckle:
Die-cast, copper-free aluminum, stainless steel stem with ½" NPT thread.
A fully spherical grommet allows for precise aiming and retention.

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.

FIXTURE MOUNTING:

- **Fixture:** Infinity Knuckle provided with ½" NPSM hinge stem to secure the fixture directly into a ½" NPT threaded opening in Ground Box.
- **Ground Box:** Stainless steel bracketry included for attachment to rebar when cast into concrete.
- **Concrete Pour Mask (CPM):** included for recessed mounting of surface box in concrete.

CERTIFICATION:

UL wet location listed.

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.

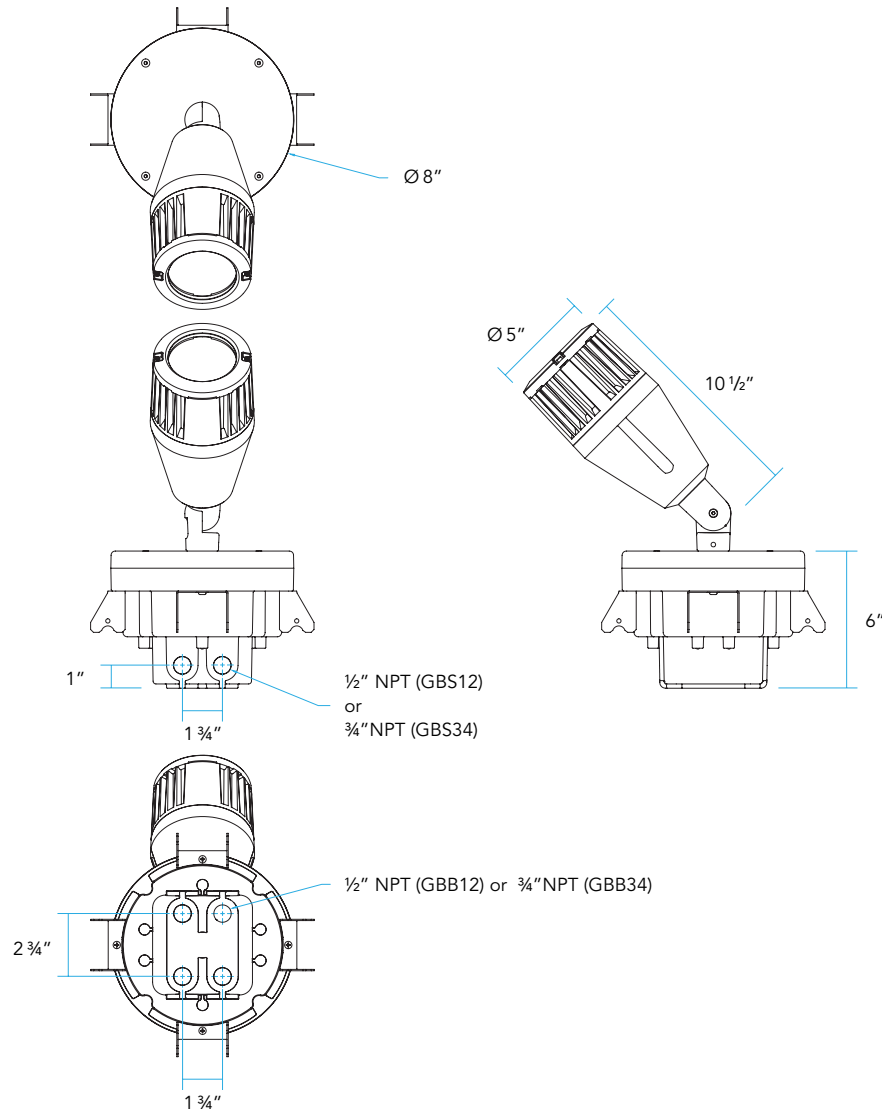
LIGHT DISTRIBUTION [WHITE]:

Narrow Spot **NS** (23.5°) | Max. Candela: 1124
Medium Flood **MF** (36°) | Max. Candela: 1278
Wide Flood **WF** (53.5°) | Max. Candela: 875





DIMENSIONS



DELIVERED LUMENS SPECIFICATION

DISTRIBUTION	RED	GREEN	BLUE	WHITE
Narrow Spot 23.5° (NS)	14 Watts 90 Lumens	14 Watts 244 Lumens	14 Watts 42 Lumens	22 Watts 310 Lumens
Medium Flood 36° (MF)	14 Watts 222 Lumens	13 Watts 495 Lumens	13 Watts 108 Lumens	22 Watts 677 Lumens
Wide Flood 53.5° (WF)	14 Watts 244 Lumens	14 Watts 501 Lumens	14 Watts 123 Lumens	22 Watts 727 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 MODEL:
Lumileds LUXEON C RGBW

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

