1052YM · RGBW · FLYING LEADS

Specification Sheet | Commercial Series · Linear Floodlight

TYPE:

MODEL:

PROJECT:

cULus · **IP66** · **BAA** · **BABA**

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
Dimensions	24 $^{13}⁄_{32}$" W x 8 $^{13}⁄_{32}$" H x 3" D

ORDERING INFORMATION

EXAMPLE: **1052YM-B-AS-RGBW-FL-MV-DMX-10**

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

MODEL	FINISH			DISTRIBUTION
1052YM	**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	**FL** Flying Leads	**MV** Multi Volt	**DMX** DMX 512-A with RDM capabilities	**GS** Internal Glare Shield
				VR Polycarbonate Lens
				10 10 feet additional cable
				20 20 feet additional cable

SPECIFICATIONS

HOUSING:
Extruded aluminum body with die-cast aluminum end caps and mountings.
Optic and driver compartment 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:
Temporary Cover **TC**, 10 Foot Wire Lead **10**, 20 Foot Wire Lead **20**, Internal Glare Shield **GS** and Polycarbonate Lens **VR** available.

WIRING:
• **Power**: 3 conductor outdoor rated cable, 5 feet standard.
• **Communication**: DMX outdoor rated cable: 2 twisted pairs in & out plus drain, 5 feet standard.
• **Cabling**: Exits luminaire housing through liquid tight cable fittings.
 See Accessories for optional lengths.

FIXTURE MOUNTING:
• 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 to secure the yoke strap directly onto an outdoor rated fitting (by others).

CERTIFICATION:
cULus 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.

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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

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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
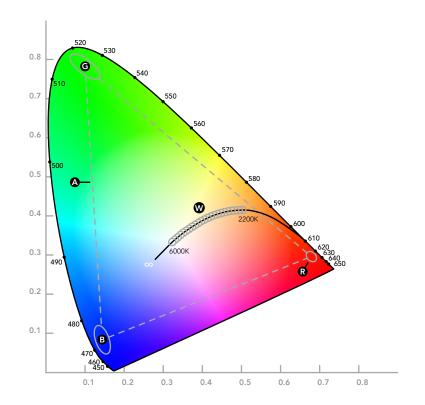Lumileds LUXEON 3528 RGB

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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