

OUTDOOR MONOPOINT MICRO FIXTURE 12V SURFACE MOUNT

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

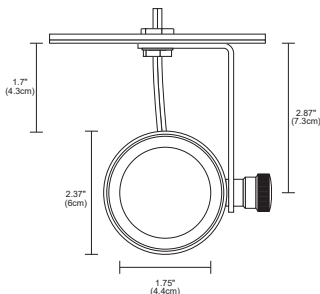
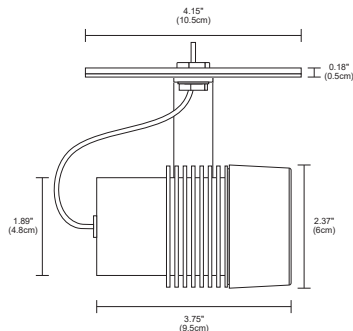
REV 07.10.24



MP4RR-MICRO-SO-WH



MP4RR-MICRO-SO-BK



FEATURES & BENEFITS

- 4-Inch round monopoint canopy offered in Black or White Powder coat, marine-grade finishes for use near the Ocean
- Uses 12VAC low voltage wiring without the need for conduit pipe
- Available with Power in Canopy or Remote Power Supply, 12VAC up to 300 Watts
- Micro Surface Track Head rotates 360° and tilts 180°. Accepts 12V
- May be ordered with a machined Aluminum Snoot.

For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com

MOUNTING OPTIONS

4-inch Round surface mount canopy offered with power supply in canopy or remote power option up to 300 watts (power supply sold separately).

POWER SUPPLY IN CANOPY

120V input-12VAC output, ELV electric low voltage power supply

REMOTE POWER SUPPLIES (SOLD SEPARATELY)

- [Outdoor Transformer](#) 12VAC, 300W

MAKE IT SMART

- [Pure Smart™ WiZ Pro Controls](#)

DIMMING

- Dimmable to 1% Percent of Flicker <25%
- Triac and ELV dimming standard. Compatible with Lutron Diva, Skylark and Legrand ELV dimmers

LAMP

- Pure Smart TruColor™ 12V, Wi-Fi Enabled RGBTW MR16 Smart Lamp
- PureEdge SOL-Light® Warm Dim 12V, MR16 Lamp

ACCESSORIES

Snoot

APPLICATIONS

- Exterior or Wet Locations
- Patios, Backyards, marine-grade suitable for Ocean front applications, or Outside Restaurants and Bars

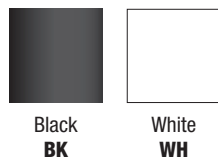
COMPLIANCE LABEL

Outdoor/Wet Location, ETL (Conforms to UL1598 and CSA 22.2 #250.0), IP66

WARRANTY

5 year warranty. See [PureEdgeLighting.com](#)

FINISHES



Power Supply in Canopy

Type	Fixture	Color Temperature	Finish
MP4RP	MICRO	TC	BK
MP4RP Mono-Point 4" Round Canopy with Power	MICRO Micro Track Head MICRO-SO Micro Track Head with Snoot	WD27NF 24° Narrow Flood SOL-Light Warm Dim 2700K dims to 1800K WD27FL 36° Flood SOL-Light Warm Dim 2700K dims to 1800K WD30NF 24° Narrow Flood SOL-Light Warm Dim 3000K dims to 1800K WD30FL 36° Flood SOL-Light Warm Dim 3000K dims to 1800K TC TruColor™ RGBTW Red, Blue, Green & Tunable White from 1500K-6500K	BK Black Powder Coat WH White Powder Coat

Remote 12V Power Supply

Type	Fixture	Color Temperature	Finish
MP4RR	MICRO	TC	BK
MP4RR Mono-Point 4" Round Canopy for Remote Power (sold separately)	MICRO Micro Track Head MICRO-SO Micro Track Head with Snoot	WD27NF 24° Narrow Flood SOL-Light Warm Dim 2700K dims to 1800K WD27FL 36° Flood SOL-Light Warm Dim 2700K dims to 1800K WD30NF 24° Narrow Flood SOL-Light Warm Dim 3000K dims to 1800K WD30FL 36° Flood SOL-Light Warm Dim 3000K dims to 1800K TC TruColor™ RGBTW Red, Blue, Green & Tunable White from 1500K-6500K	BK Black Powder Coat WH White Powder Coat

PROJECT		FIXTURE TYPE		DATE	
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PURE SMART TRUCOLOR™ MR16-GU5.3-4W-XWF-RGBTW

12V, 4 WATT WI-FI ENABLED SMART LAMP



DESCRIPTION

The Pure Smart Wi-Fi enabled MR16, GU5.3 base lamp uses TruColor™ RGBTW Technology – With 5 channels (Red, Green, and Blue + Tunable White) of proprietary color mixing we create over 16 million vivid saturated colors and pastels along with 85,000 tunable white tones. Promote a healthy Circadian rhythm and experience the beauty of natural light in its purest form. Tunable White ranges from 1500K to 6500K. Bring out the best of your world by saturating it in 97+ CRI light with TruColor™ Technology. Dial in just the right ambiance for any occasion just by changing the preset color mode. Harness the beauty of the sunset and paint your living room with the amber glow of the golden hour. Experience life in TruColor™.

- Controls - Easily control from anywhere with the WiZ app or with the WiZ Pro Dashboard on your computer. At home, experience the convenience of voice control with Alexa or Google Home. Take control to the next level by utilizing the available wall controls.
- Wall Controller - On/Off, Dimming, CCT selection, and scene control. Must use Pure Smart **CWW-TW-SCENE-WH** wall controller or Wall/Table Battery Remote Controller **CWR-TW-SCENE-WH** (Sold Separately).
- WiZ SpaceSense™ - Wi-Fi sensing technology that detects motion from disruptions in the Wi-Fi signal and triggers the lights to turn on or off when you enter or exit the room.
- Schedule & Automation - Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance.
- Wi-Fi/Bluetooth - Easily setup over Wi-Fi or Bluetooth. No hub required.
- 3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.

For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

SMART DIMMING & CONTROLS (SOLD SEPARATELY)

- [Pure Smart™ 5 Channel Wi-Fi Controller](#)
- [Pure Smart™ Battery Operated Remote Wi-Fi Controller](#)

SPECIFICATIONS

APP	WiZ Mobile App
WI-FI/BLUETOOTH	Easily setup over Wi-Fi or Bluetooth. No hub required. 2.4GHz 802.11b/g/n WPA3 Personal
BULB SHAPE	MR16
BASE TYPE	GU5.3
WATTAGE	4 Watts
WATTAGE EQUIVALENCY	40 watt Incandescent, 28 watt Halogen
INPUT VOLTAGE	12 Volts AC
FREQUENCY	60 Hz
COLOR TEMPERATURE	RGBTW: Red, Blue, Green, Tunable White from 1500K-6500K
LUMENS	386 Lumens at 3000K
CRI	97 CRI at 3000K
EFFICACY	94 lumens per watt
DUV	.0003 average across 2000K-5500K
RF	92 average across 2000K-5500K
RG	102 average across 2000K-5500K
R9	84 average across 2000K-5500K
SCHEDULES & AUTOMATION	Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance
LOCATION	Indoor, damp location. Suitable for use in enclosed and open fixtures
MATERIAL	Polycarbonate
OPTICAL	Frosted Lens
L70 LIFESPAN	30,000 Hours
TITLE 20 COMPLIANCE	Meets Title 20 regulations and standards for efficiency. Suitable for use in California
WARRANTY	3 years/30,000 hours

APPLICATIONS

Ideal applications in residential, commercial, retail, and hospitality environments.

Product	Base	Wattage	Beam Spread	Color Temperature
MR16	GU5.3	4W	XWF	RGBTW
MR16 MR16 Smart Lamp	GU5.3 GU5.3 12VAC	4W 4 Watts	XWF Extra Wide Flood	RGBTW Red, Blue, Green & Tunable White from 1500K-6500K

PROJECT		FIXTURE TYPE		DATE	
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TM30 DATA

12V, 4 WATT WI-FI ENABLED SMART LAMP

PURE

EDGE

Pure Smart Lighting

WIZ

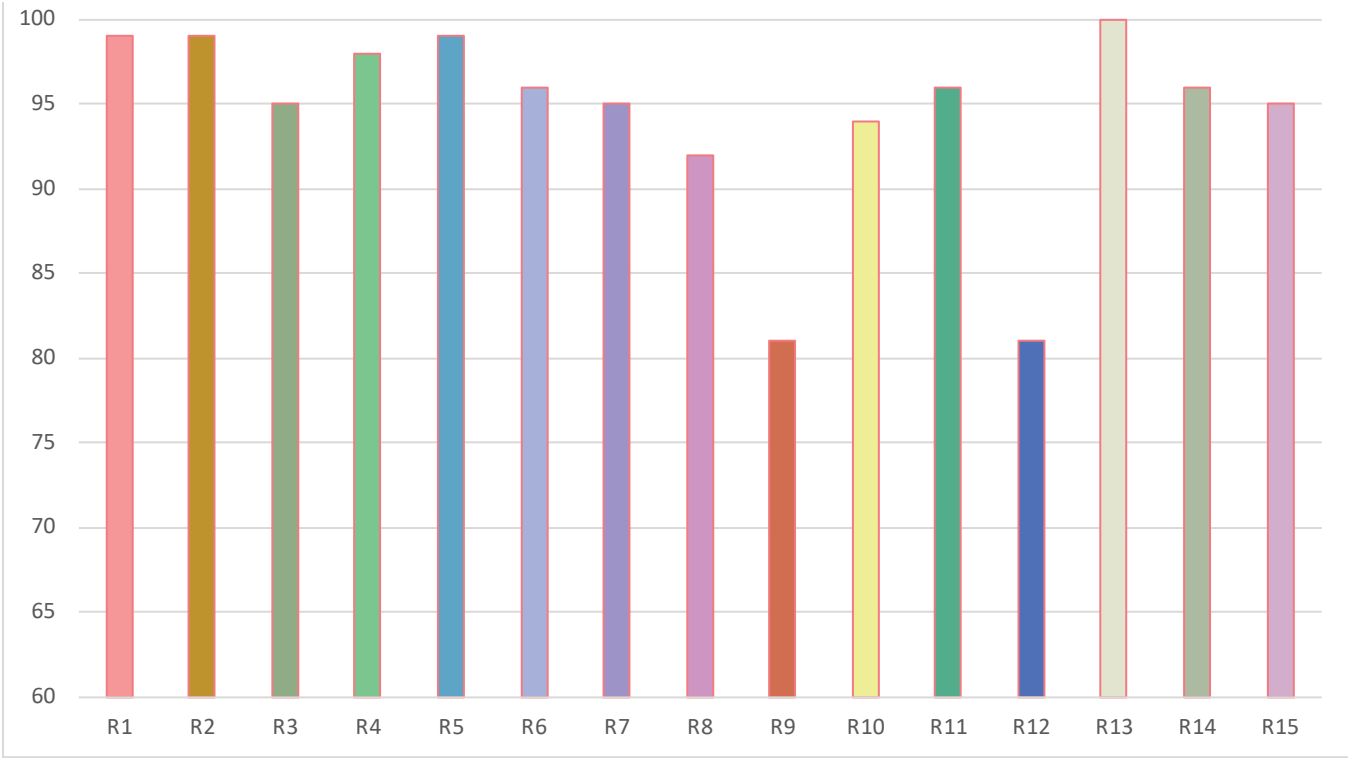
PRO

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NOMINAL LAMP DATA

DESCRIPTION	MR16 SMART LAMP								
WATTS	4W								
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K
LUMENS (lm)	210	223	250	270	284	277	393	322	260
LUMENS PER WATT (lm/w)	47	50	56	60	63	64	79	67	55
CRI	94	94	95	96	96	97	93	96	96
Duv	0.0006	0.0021	0.0031	0.0039	0.0036	0.0021	0.0002	0.0016	0.0013
Rf	90	92	92	92	92	92	90	92	90
Rg	101	104	105	105	104	102	99	102	103
R9	80	85	87	90	91	90	65	90	96
R13	99	97	99	99	100	98	94	94	90
R15	94	92	95	97	98	96	91	91	86
WATTS	4.5	4.5	4.5	4.5	4.5	4.3	5	4.8	4.7

R1-R15 CRI CHART @ 3000K 97 CRI

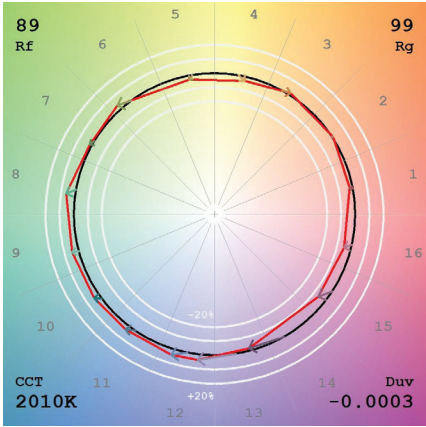


TM30 DATA
12V, 4 WATT WI-FI ENABLED SMART LAMP

TM-30-15 DATA: The data below is for Pure Smart TruColor™ RGBTW Lamps.

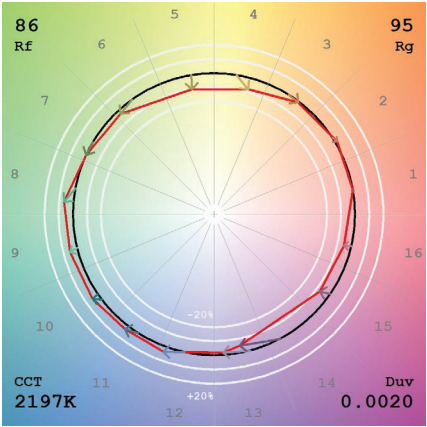
2000K (TruColor™ RGBTW)

View Angle: 2 Deg



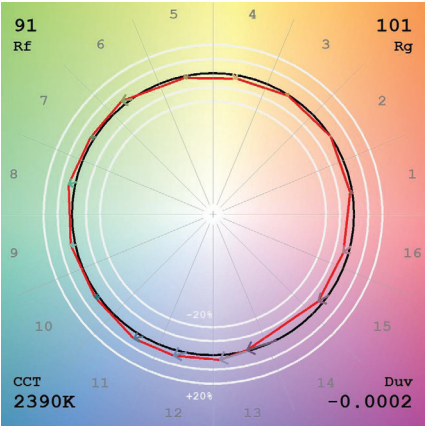
2200K (TruColor™ RGBTW)

View Angle: 2 Deg



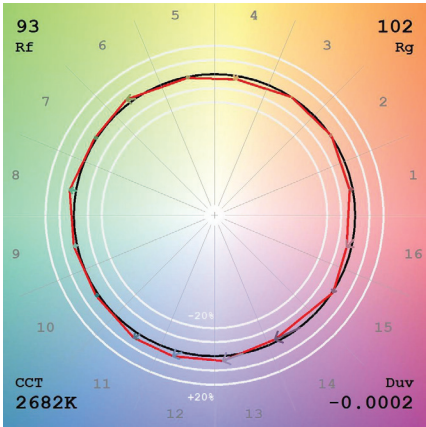
2400K (TruColor™ RGBTW)

View Angle: 2 Deg



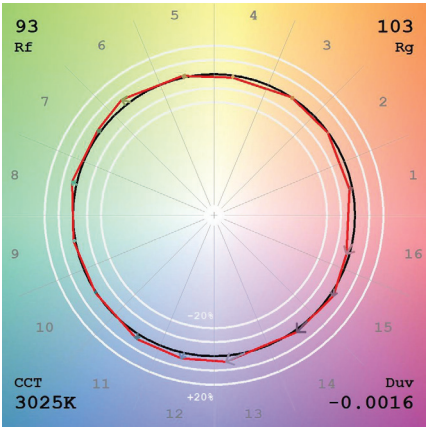
2700K (TruColor™ RGBTW)

View Angle: 2 Deg



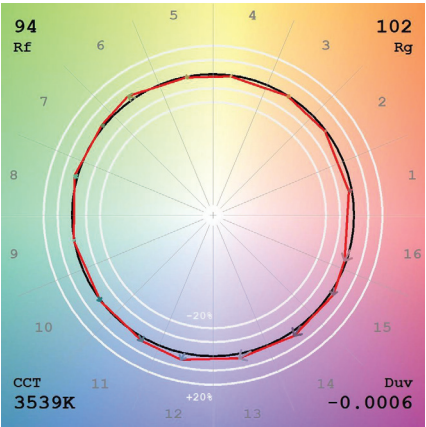
3000K (TruColor™ RGBTW)

View Angle: 2 Deg



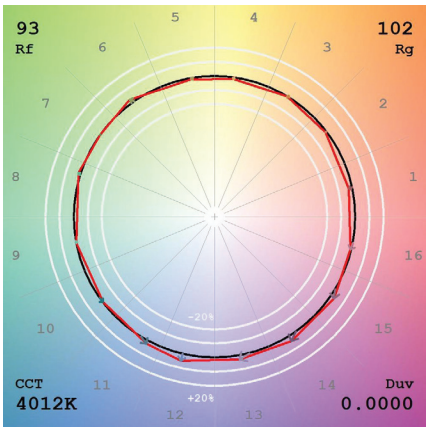
3500K (TruColor™ RGBTW)

View Angle: 2 Deg



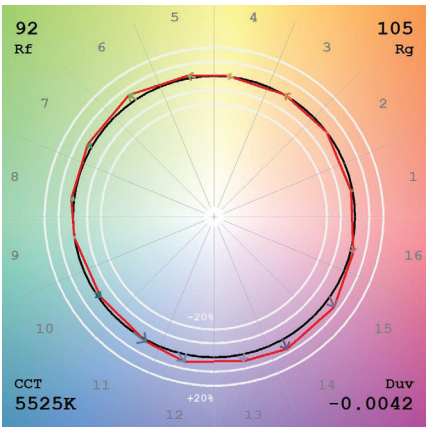
4000K (TruColor™ RGBTW)

View Angle: 2 Deg



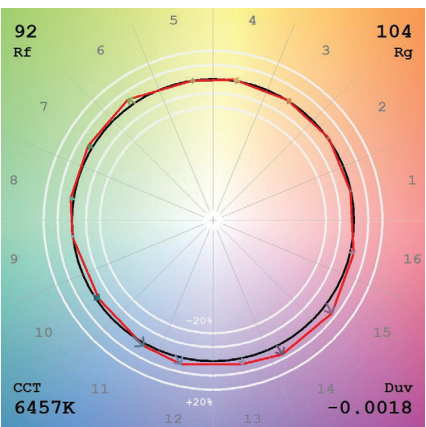
5700K (TruColor™ RGBTW)

View Angle: 2 Deg



6500K (TruColor™ RGBTW)

View Angle: 2 Deg



PROJECT		FIXTURE TYPE		DATE	
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DESCRIPTION

Unlike standard LEDs, SOL-Light Warm Dim LEDs are designed to shift from full brightness (2700K or 3000K) to a warmer Color Temperature (1800K) as they are dimmed down, replicating the effects of Halogen light sources with a CRI of 95+ and a High R9 of 85+. The lamp is a direct replacement for a 12VAC, 50 watt Halogen with 24° (410 Lumens) or 36° (450 Lumens) Beam Spreads. For use in Track Lighting, recessed down lights, and other indoor and outdoor applications. 30,000 hour rated lamp life. Suitable for enclosed fixtures. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

FEATURES

- Two Color Temperatures: 2700K and 3000K. Both dim to warm 1800K
- Direct replacement for inefficient Halogen Lamps
- GU5.3 Base MR16
- High 97 CRI and high R9 85+
- Low blue emission for healthy vision
- Zero ultraviolet emission, won't fade colors
- Beam Angles 24° or 36°
- 30,000 Hours rating

APPLICATIONS

Track and Recessed Lighting, Residential, Hospitality, Museum & Gallery, Track Lighting, Desk, and Outdoor. Not for use within recessed fixtures with magnetic transformers

LED LAMPING

7.73 Watts at up to 532 Lumens at 3000K, two Color Temperatures at 2700K or 3000K (warm dims to 1800K), 97 CRI, R9-85, Rg: 101, Rf: 94, Input Voltage 12V, Max. TC 90° C, Ambient Temperature range -30° to 35° C, Power Factor .92, Inrush Cycle to <1 amp

DIMMING

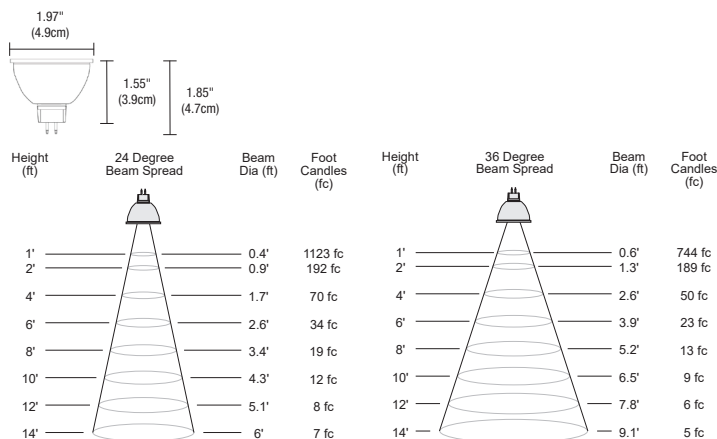
- Phase and Power Dimmable, Percent of Flicker <1%
- Compatible with 12VAC LED Electronic Low-Voltage (use ELV dimmer also called "trailing-edge", or "reverse phase" dimmer) and Magnetic Low-Voltage Transformers (use MLV dimmer also called "leading-edge" or "forward-phase" dimmer) *Not for use within recessed fixtures with magnetic transformers

WARRANTY / LABELS


3 years/30,000 hour warranty

Title 24 Compliant, low flicker <1% CE, UL, NOM

Designed & Powered by 



SOL LIGHT WARM DIM

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	MR16-12V-8W-FL-27KWDH-SL	8	97+	85	36	30,000	2700K dims to 1800K	390	50	12V	Low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-FL-30KWDH-SL	8	97+	85	36	30,000	3000K dims to 1800K	427	55	12V	Low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-27KWDH-SL	8	97+	85	24	30,000	2700K dims to 1800K	410	53	12V	Low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-30KWDH-SL	8	97+	85	24	30,000	3000K dims to 1800K	450	58	12V	Low flicker <1% CE, UL, NOM	50

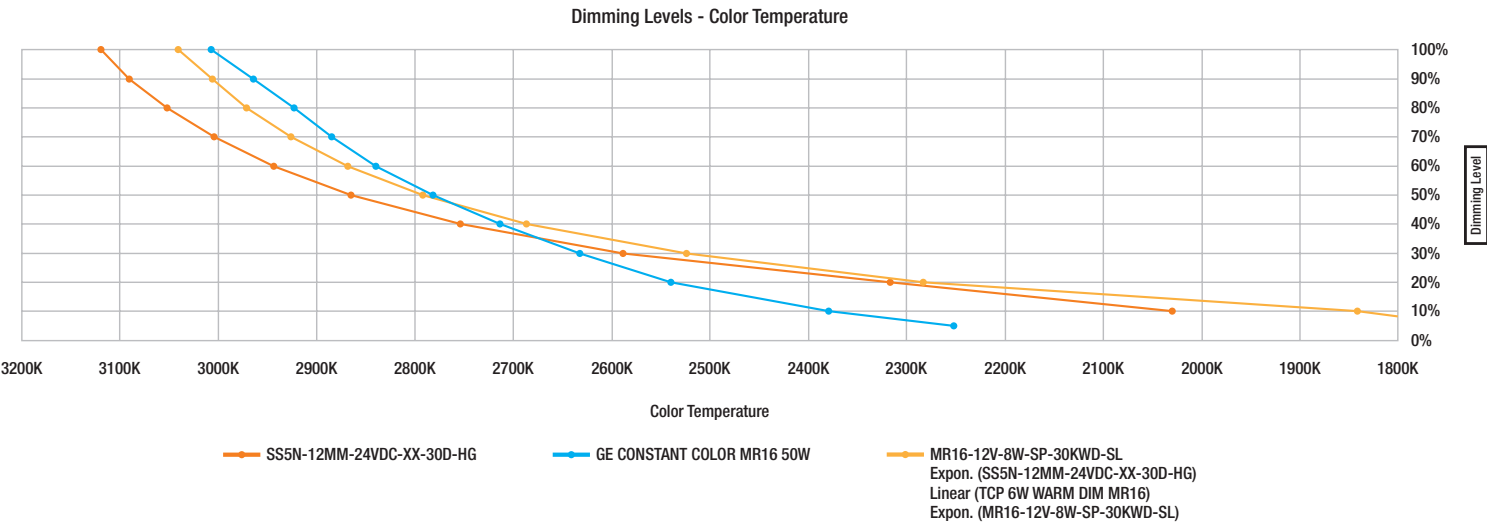
Product	Base/Voltage	Wattage	Beam Spread Lens	Color Temperature	Case Finish
MR16	12V	8W	NF	30KWDH	SL
MR16 Reflector	12V GU5.3 12VAC	8W 8 Watts	NF 24° Narrow Flood Lens FL 36° Flood Lens	27KWDH 2700K Warm Dim 30KWDH 3000K Warm Dim	SL Silver

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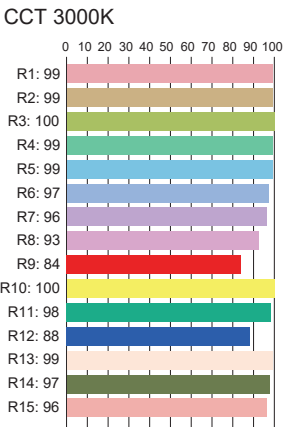
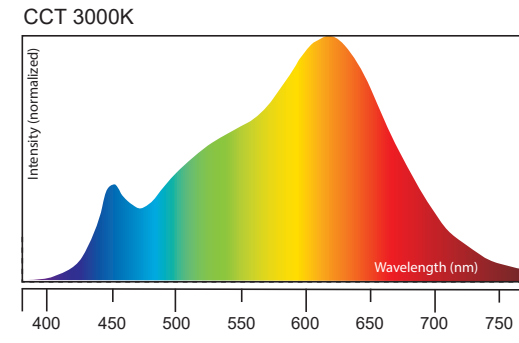
TM30 DATA
MR16 12V LED LAMP GU5.3 HALOGEN CURVE SERIES

TM-30-15 DATA

The data below is for a 3000K MR16 12V LED Bulbs. Consistent color temperatures throughout a single chip and among multiple chips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

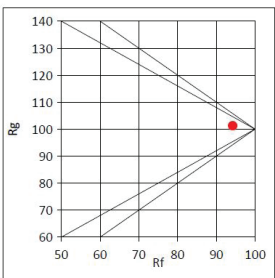
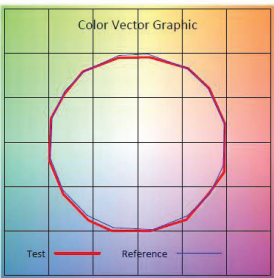


SPECTRORADIOMETRIC PARAMETERS

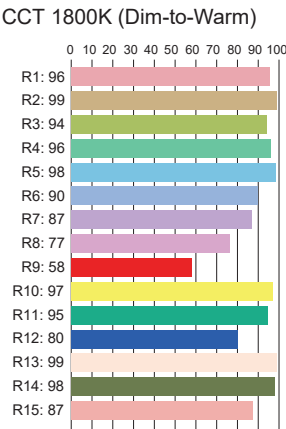
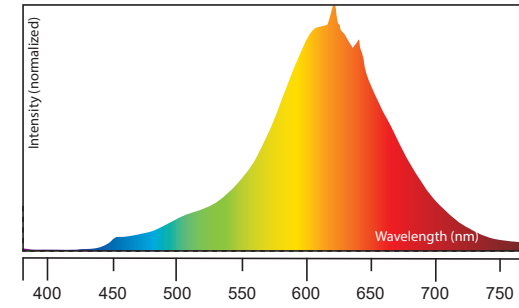


Rf: 94.2 | Rg: 101.2

Color Vector Graphic



CCT 1800K (Dim-to-Warm)



Rf: 91.8 | Rg: 96.9

Color Vector Graphic

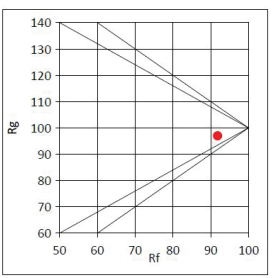
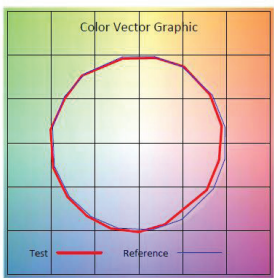


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