OUTDOOR TRACK

12V

PROJECT

FIXTURE TYPE

DATE

ASSEMBLED IN AMERICA | PATENT PENDING

REV 10.15.26



FEATURES & BENEFITS

- Offers the flexibility of 2-Circuit Track Lighting in an exterior environment
- Powder coat, marine-grade finish for use near the Ocean
- Uses 12VAC low voltage wiring without the need for conduit pipe
- Remote Power Supply, 12VAC up to 300 Watts or 40' before re-feeding
- Micro Surface Track Head rotates 360° and tilts 180°. Accepts 12V LED MR16 Lamp up to 8 Watts (PureEdge Lighting's SOL-Light is recommended) or 12V Halogen MR16 Lamp up to 50 Watts, sold separately. 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.

FINISHES

Satin Black **BK**

White **WH**

APPLICATIONS

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

TRACK PARTS (SOLD SEPARATELY)

- Exterior Track
- 10 Gauge 3-Wire Cable
- Exterior Track Canopy Cover
- (2) Exterior Track End Caps (Included with Track)

REMOTE POWER SUPPLIES (SOLD SEPARATELY)

- Magnetic 300W Low Voltage Dimmer

MAKE IT SMART

- Pure Smart™ WiZ Pro Controls

MICRO FIXTURE

- 12VAC Pure Smart TruColor™ RGBTW LED MR16 (included with TC ordering code)
- Compatible with SOL-Light Warm Dim and Sorra LED MR16 lamps, and 12VAC Halogen MR16 lamps up to 50 watts (sold separately)

MICRO FIXTURE WITH SNOOT

- Only compatible with Pure Smart TruColor™, Soraa 25 and 36 degree MR16 lamps



BLACK



WHITE



BLACK WITH SNOOT*

*Only compatible with SORAA & Pure Smart MR16

OUTDOOR TRACK
12V

PROJECT

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12V TRACK HEAD FIXTURE



TX12 – MICRO-__-WH



TX12-MICRO-SO-__-BK

Product		Type		Finish
TX12	–	**MICRO**	–	**BK**
TX12 Track Exterior		**MICRO** Micro Track Head **MICRO-SO** Micro Track Head with Snoot		**BK** Black **WH** White

*Lamp sold separately, for TruColor must use ordering code below)



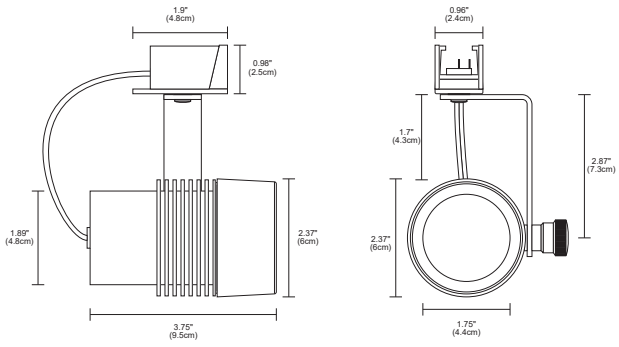
TX12 – MICRO-__-WH



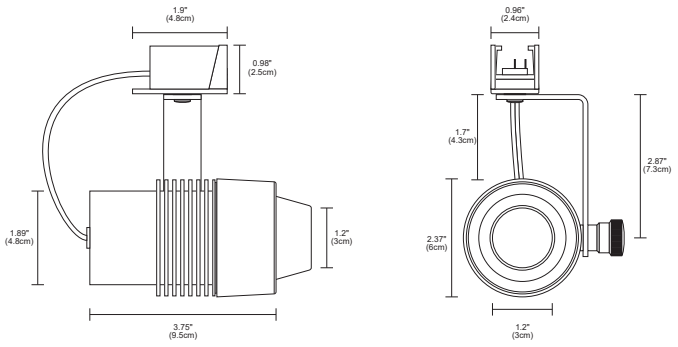
TX12-MICRO-SO-__-BK

Product		Type		Color Temperature		Finish
TX12	–	**MICRO**	–	**TC**	–	**BK**
TX12 Track Exterior		**MICRO** Micro Track Head **MICRO-SO** Micro Track Head with Snoot		**TC** TruColor™ RGBTW Red, Blue, Green & Tunable White from 1500K-6500K MR16 Lamp (included)		**BK** Black **WH** White

*TruColor MR16 lamp cannot be purchased separately



TX12-MICRO-__-XX



TX12-MICRO-SO-__-XX

OUTDOOR TRACK
12V

PURE EDGE Pure Smart Lighting

PROJECT

FIXTURE TYPE

DATE

REV 10.15.26

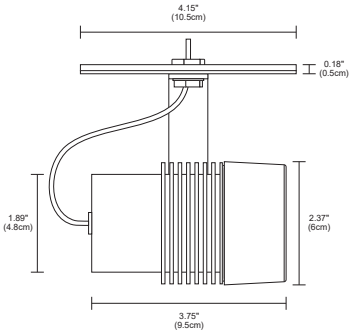
MONOPOINT MICRO FIXTURE

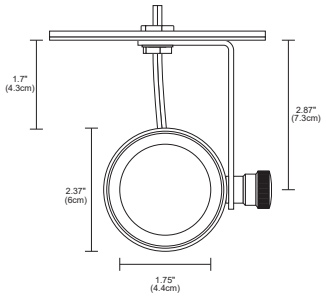


MP4RR-MICRO-__-WH



MP4RR-MICRO-SO-__-BK





MP4RR-MICRO-__-XX

POWER SUPPLY IN CANOPY
120V input-12VAC output, ELV electric low voltage power supply (FJ, M fixtures order 12VAC power supply separately)

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

COMPLIANCE LABEL
ETL (Conforms to UL1598 and CSA 22.2 #250.0)

WARRANTY
5 year warranty. See PureEdgeLighting.com

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	**WD27NF**	24° Narrow Flood SOL-Light Warm Dim 2700K dims to 1800K
		MICRO-SO	Micro Track Head with Snoot	**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	**WD27NF**	24° Narrow Flood SOL-Light Warm Dim 2700K dims to 1800K
		MICRO-SO	Micro Track Head with Snoot	**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

OUTDOOR TRACK
12V

PURE EDGE Pure Smart Lighting

PROJECT

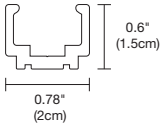
FIXTURE TYPE

DATE

REV 10.15.26

ACCESSORIES Exterior Track, order based on lighting design or as replacement parts



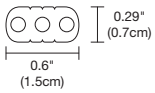


EXTERIOR TRACK

Exterior Track features an aluminum body with end caps (included). Available in 4' or 8' field cuttable lengths. Finishes available in Black or White. The Aluminum finish will not discolor from exposure to sunlight and weather.

Product	Type	Nominal Size	Finish
TX12	SQ	4FT	BK
TX12 Track Exterior	**SQ** Square Track	**4FT** 4' **8FT** 8'	**BK** Black **WH** White

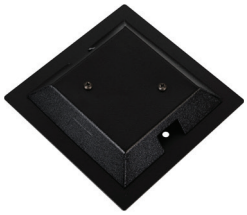


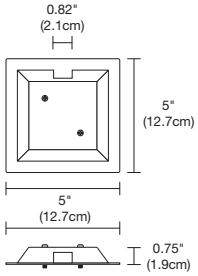


10-GAUGE, 3-WIRE CABLE (PER FOOT)

Exterior Cable is a heavy-duty 10-Gauge, 3-Wire, 2-Circuit, allowing for longer runs at 12 volts with reduction of voltage-drop problems (sold separately). Use transformer booster tap if output falls below 10.4 volts. Order one extra foot per system, for power connections. UV stabilized and flame retardant. Can be installed above ground or buried. Insulation is self-sealing. Finish available in Black. UL listed for wet locations. Order in 1' increments.

Product	Type	Finish
TX12	CB	BK
TX12 Track Exterior	**CB** Cable	**BK** Black



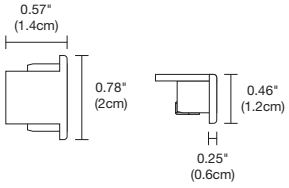


EXTERIOR TRACK CANOPY COVER

Exterior Track Canopy Cover Box allows for a cleaner appearance at a corner or at a cable entry location. One end supplied open. Three knockouts also provided. Finishes available in Black or White.

Product	Type	Finish
TX12	JBC-5SQ	BK
TX12 Track Exterior	**JBC-5SQ** J-Box Cover 5" Square Canopy Cover	**BK** Black **WH** White





EXTERIOR TRACK END CAPS (INCLUDED WITH TRACK)

Exterior Track End Caps provide a clean appearance at the end of a track run. Finishes available in Black or White.

Product	Type	Finish
TX12	CA	BK
TX12 Track Exterior	**CA** End Cap	**BK** Black **WH** White

PURE SMART TRUCOLOR™ MR16-GU5.3-4W-XWF-RGBTW

12V, 4 WATT WI-FI ENABLED SMART LAMP

PURE EDGE Pure Smart Lighting

PROJECT

FIXTURE TYPE

DATE

REV 10.15.26



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. TruColor™ RGBTW4K delivers a tunable range from 2000K to 4000K, allowing for greater fine-tuning of warm white tones using the Pure Smart room controller or remote. 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. *Not compatible with mesh networks.
- 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 .

DIMMING & CONTROLS (SOLD SEPARATELY)

- Home Integration Solutions
- 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 • **RGBTW4K**: Red, Blue, Green, Tunable White from 2000K-4000K
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 **RGBTW4K** Red, Blue, Green, Tunable White from 2000K-4000K

TM30 DATA

12V, 4 WATT WI-FI ENABLED SMART LAMP

PROJECT

FIXTURE TYPE

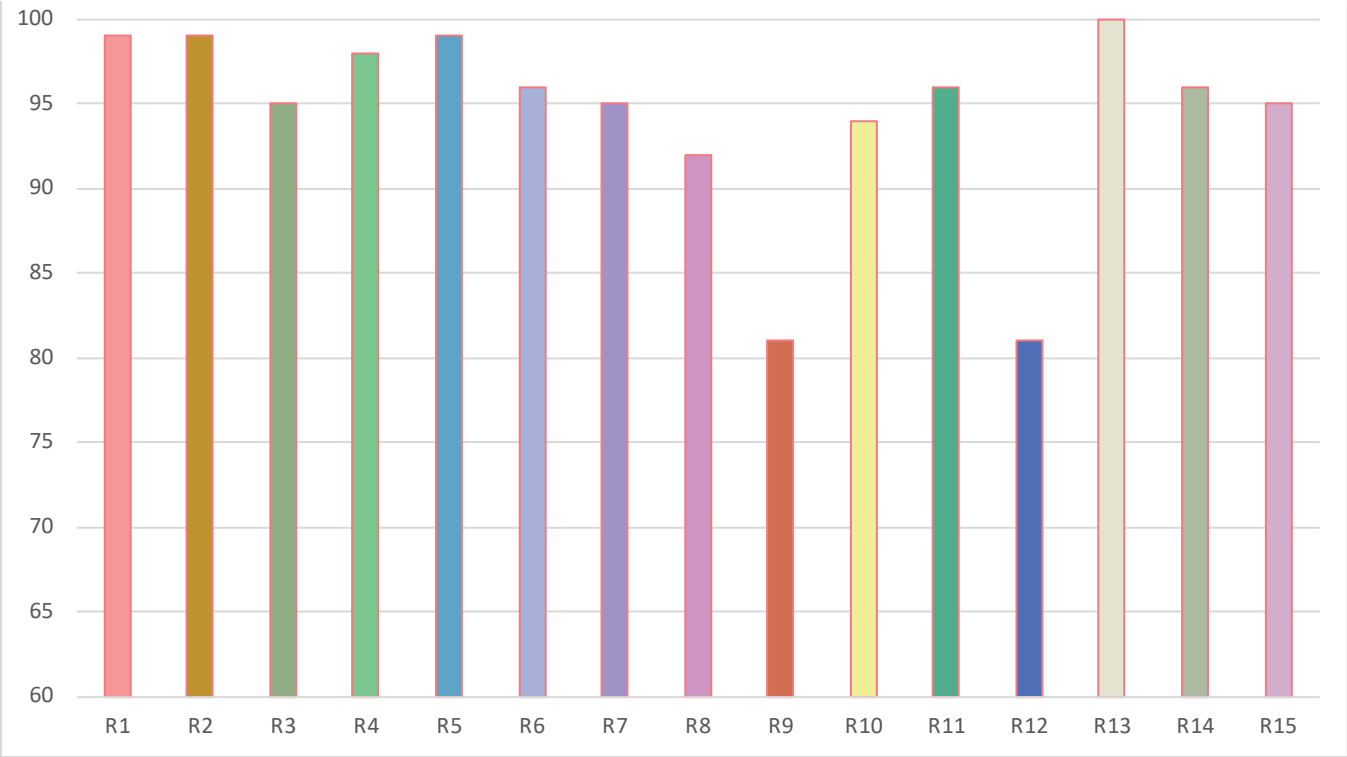
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REV 10.15.26

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

PURE EDGE™ Pure Smart Lighting

PROJECT

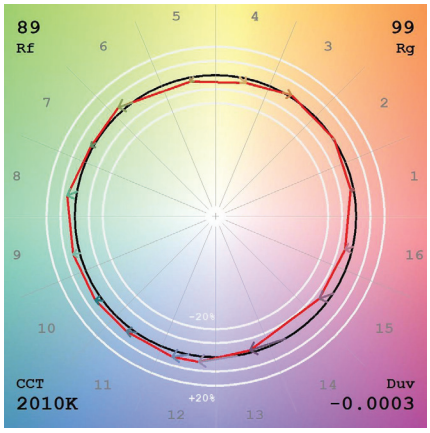
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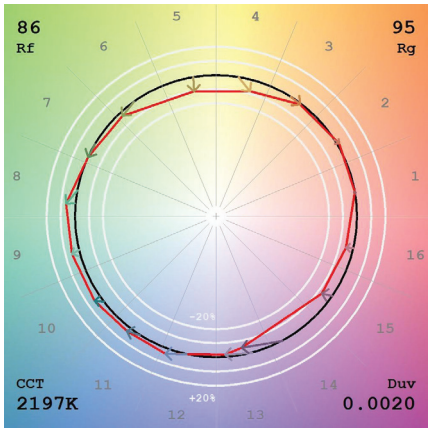
REV 10.15.26

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

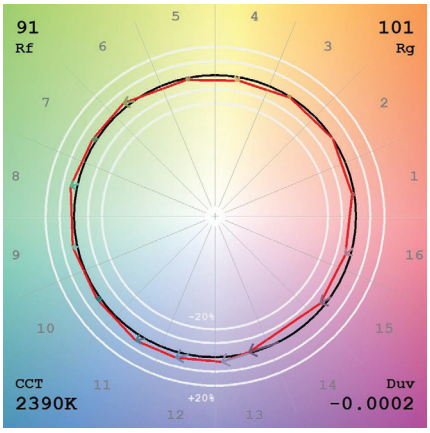
2000K (TruColor™ RGBTW)
View Angle: 2 Deg



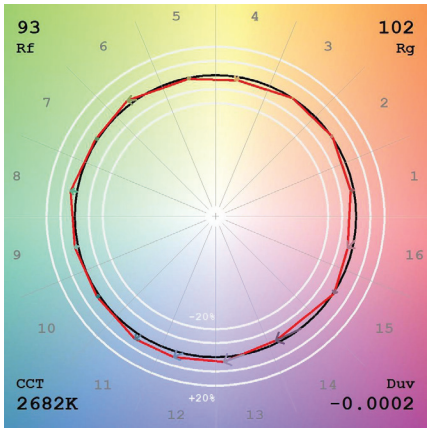
2200K (TruColor™ RGBTW)
View Angle: 2 Deg



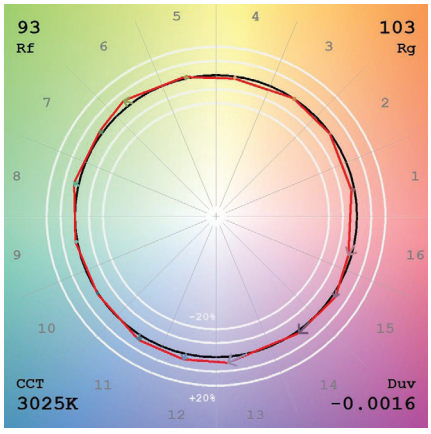
2400K (TruColor™ RGBTW)
View Angle: 2 Deg



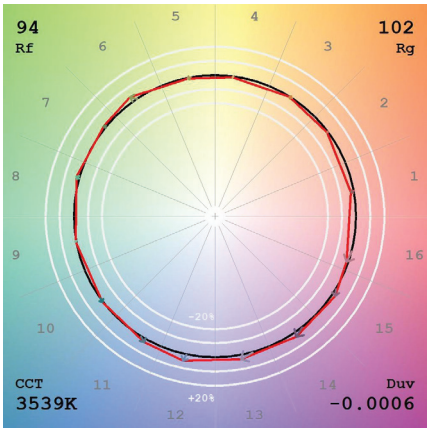
2700K (TruColor™ RGBTW)
View Angle: 2 Deg



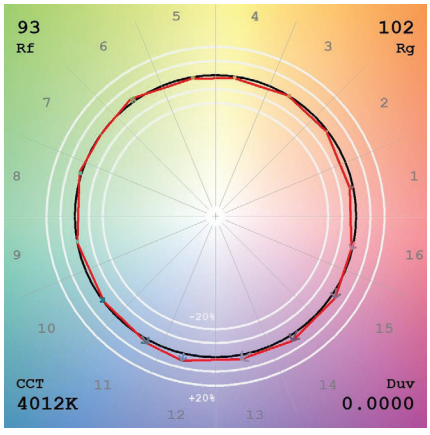
3000K (TruColor™ RGBTW)
View Angle: 2 Deg



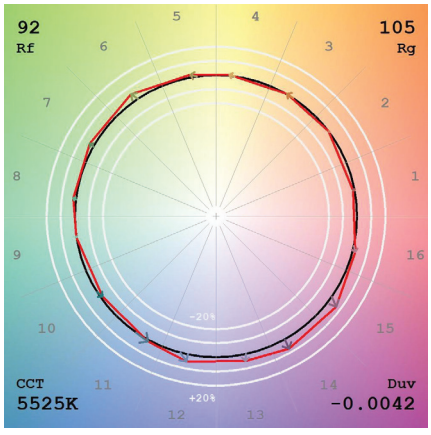
3500K (TruColor™ RGBTW)
View Angle: 2 Deg



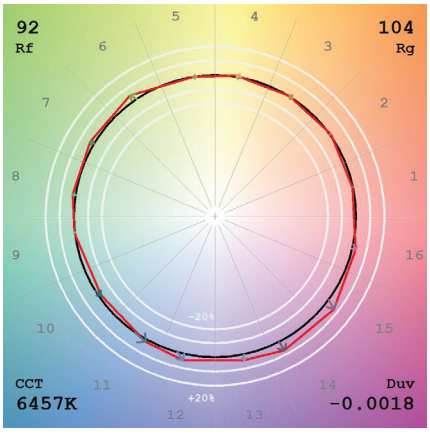
4000K (TruColor™ RGBTW)
View Angle: 2 Deg



5700K (TruColor™ RGBTW)
View Angle: 2 Deg



6500K (TruColor™ RGBTW)
View Angle: 2 Deg



SOL-LIGHT® WARM DIM

MR16 12V LED LAMP GU5.3 HALOGEN CURVE SERIES

PROJECT

FIXTURE TYPE

DATE

REV 10.15.26



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

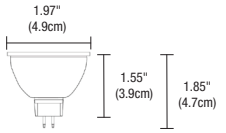
- Phase and Power Dimmable, Percent of Flicker <1%
- Compatible with 12VAC LED Electronic Low-Voltage (use ELV dimmer also called "trailing-edge", or "reverse phase" dimmer) and Magnetic Low-Voltage Transformers (use MLV dimmer also called "leading-edge" or "forward-phase" dimmer) *Not for use within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



Height (ft)	24 Degree Beam Spread	Beam Dia (ft)	Foot Candles (fc)
1'		0.4'	1123 fc
2'		0.9'	192 fc
4'		1.7'	70 fc
6'		2.6'	34 fc
8'		3.4'	19 fc
10'		4.3'	12 fc
12'		5.1'	8 fc
14'		6'	7 fc

Height (ft)	36 Degree Beam Spread	Beam Dia (ft)	Foot Candles (fc)
1'		0.6'	744 fc
2'		1.3'	189 fc
4'		2.6'	50 fc
6'		3.9'	23 fc
8'		5.2'	13 fc
10'		6.5'	9 fc
12'		7.8'	6 fc
14'		9.1'	5 fc

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
PureEdge Lighting 	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 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

TM30 DATA

MR16 12V LED LAMP GU5.3 HALOGEN CURVE SERIES

PROJECT

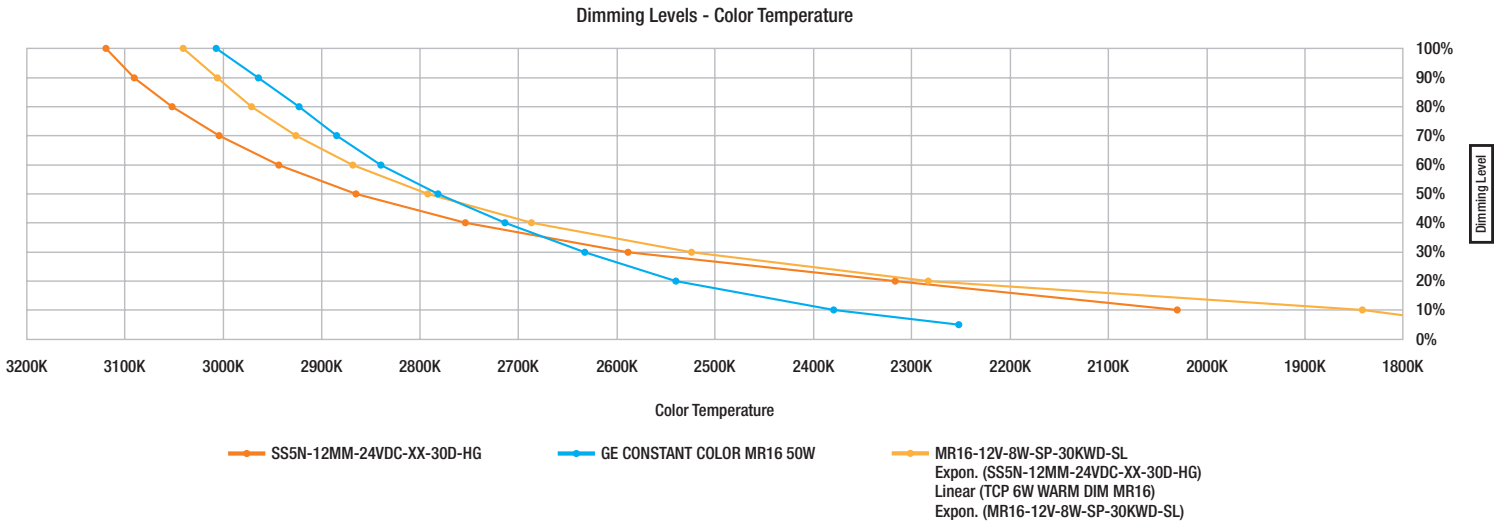
FIXTURE TYPE

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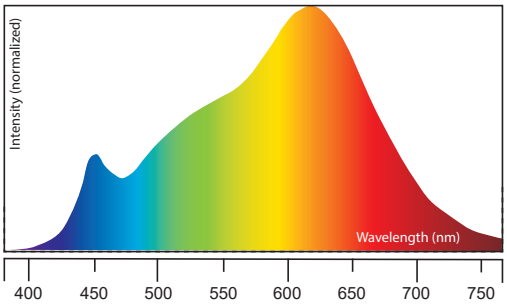
TM-30-15 DATA

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.

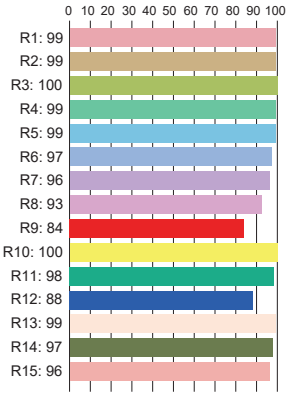


SPECTRORADIOMETRIC PARAMETERS

CCT 3000K

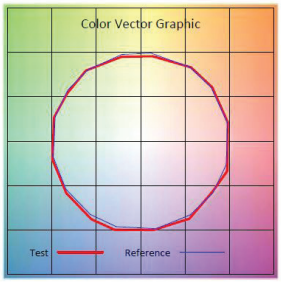


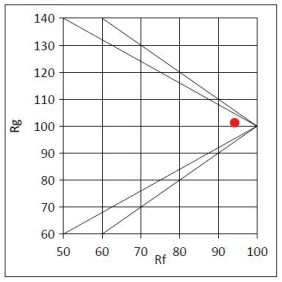
CCT 3000K



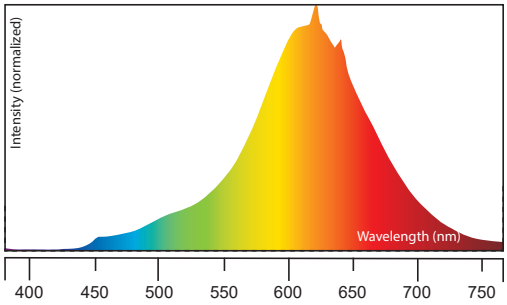
Rf: 94.2 | Rg: 101.2

Color Vector Graphic

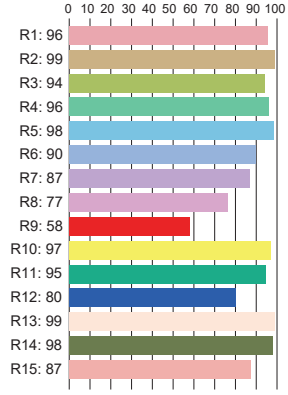




CCT 1800K (Dim-toWarm)



CCT 1800K (Dim-to-Warm)



Rf: 91.8 | Rg: 96.9

Color Vector Graphic

