

OUTDOOR TRACK

12V WARM DIM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

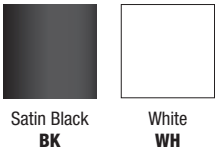
REV 08.07.23



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.

FINISHES



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)

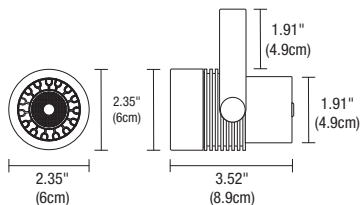
- [Magnetic 300W Low Voltage Dimmer](#)
- [Pure Smart™ Wi-Fi Dimmer](#)

MICRO FIXTURE (LAMP SOLD SEPARATELY)

- LED: 12VAC MR16 7.5W SOL-Light Warm Dim 2700K or 3000K
- Halogen: 12VAC up to 50 Watts MR16

MICRO FIXTURE WITH SNOOT

- Only compatible with Sorra 25 and 36 degree MR16

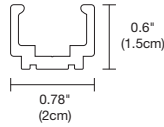


*Only compatible with SORAA

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

PROJECT	FIXTURE TYPE	DATE
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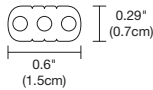
ACCESSORIES Exterior Track, order based on lighting design or as replacement parts



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.

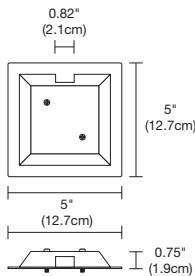
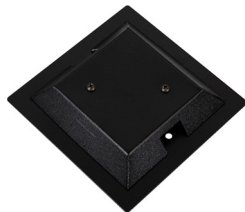
Product	Type	Nominal Size	Finish
TX12	SQ	4FT	BK
TX12 Track Exterior	SQ Square Track	4FT 4' 8FT 8'	BK Black WH White



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. Finishes available in Black or White. UL listed for wet locations. Order in 1' increments.

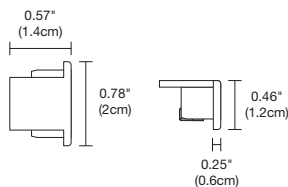
Product	Type	Finish
TX12	CB	BK
TX12 Track Exterior	CB Cable	BK Black WH White



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

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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.

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

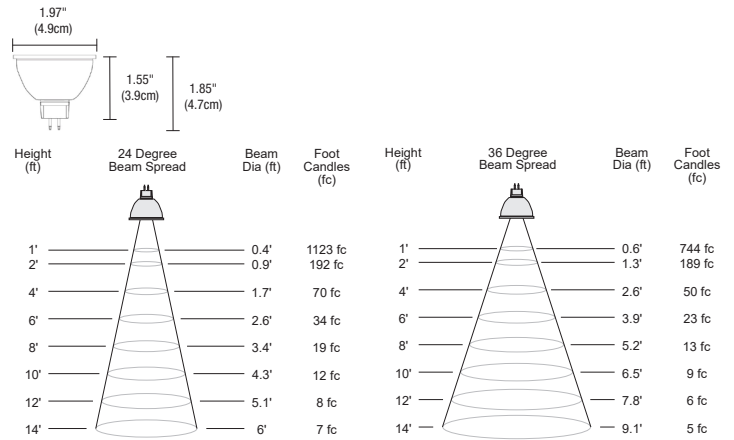
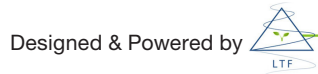
7.73 Watts at up to 532 Lumens at 3000K, two Color Temperatures at 2700K or 3000K (warm dims to 1800K), 97 CRI, R9-85, Rg: 101, Rf: 94, Input Voltage 12V, Max. TC 90° C, Ambient Temperature range -30° to 35° C, Power Factor .92, Inrush Cycle to <1 amp

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



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: **MR16** - Base/Voltage: **12V** - Wattage: **8W** - Beam Spread Lens: **NF** - Color Temperature: **30KWDH** - Case Finish: **SL**

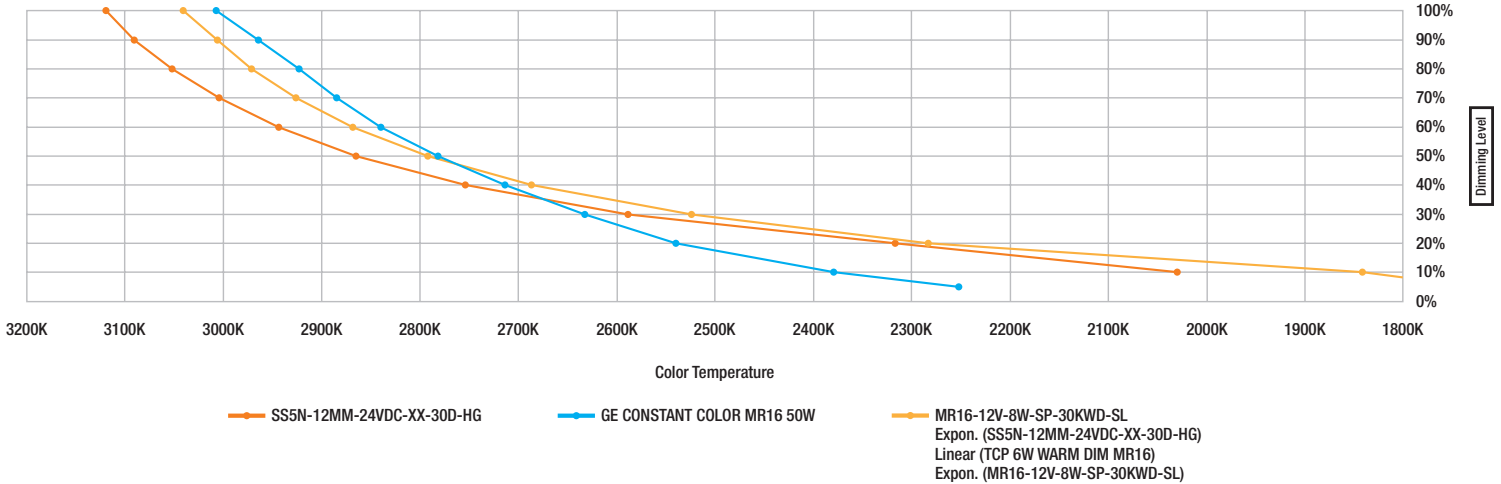
MR16 MR16 Reflector | 12V GU5.3 12VAC | 8W 8 Watts | NF 24° Narrow Flood Lens | FL 36° Flood Lens | 27KWDH 2700K Warm Dim | 30KWDH 3000K Warm Dim | SL Silver

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TM-30-15 DATA

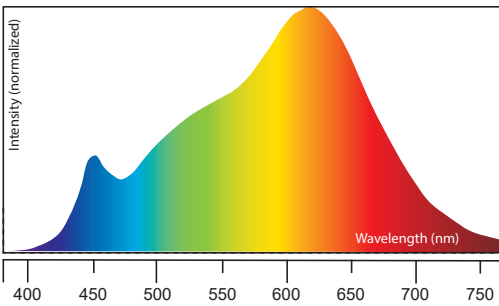
The data below is for a 3000K MR16 12V LED Bulbs. Consistent color temperatures throughout a single chip and among multiple chips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

Dimming Levels - Color Temperature

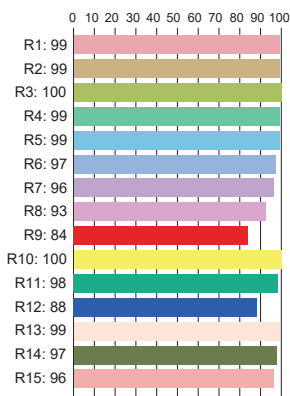


SPECTRORADIOMETRIC PARAMETERS

CCT 3000K

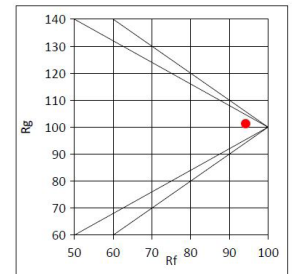
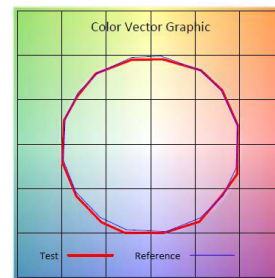


CCT 3000K

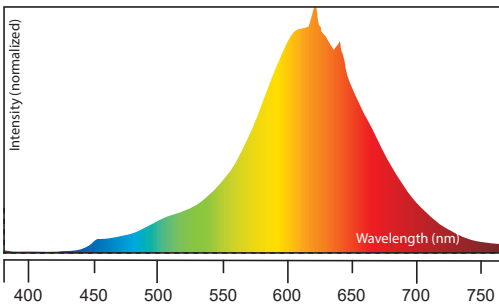


Rf: 94.2 | Rg: 101.2

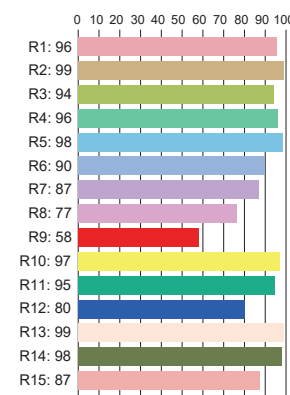
Color Vector Graphic



CCT 1800K (Dim-to-Warm)

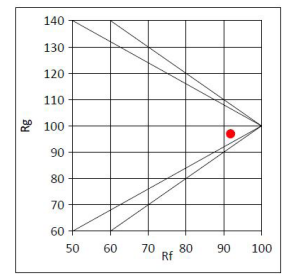
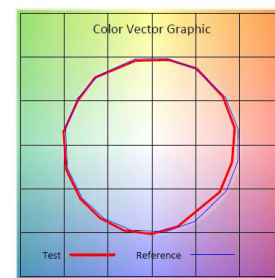


CCT 1800K (Dim-to-Warm)



Rf: 91.8 | Rg: 96.9

Color Vector Graphic



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