

# OUTDOOR TRACK

REV 09.05.18

PATENT PENDING



**Micro Track Head  
Black Finish**



**Micro Track Head  
White Finish**

### Features & Benefits

- Offers the flexibility of track lighting in an Exterior environment
- Uses 12VAC low voltage wiring without the need for conduit pipe
- Remote Power Supply 12VAC up to 300W or up to 24 fixtures (30 feet) before refeeding
- Micro Surface Track Head Rotates 360° and tilts 180°. Accepts 12 Volt LED MR16 lamp up to 8 watts (Soraa is recommended) or 12 Volt Halogen MR16 lamp up to 50 watts, sold separately

### Applications

- Exterior or wet locations
- Patios, backyards, or outside restaurants and bars

### Track Parts (Sold Separately)

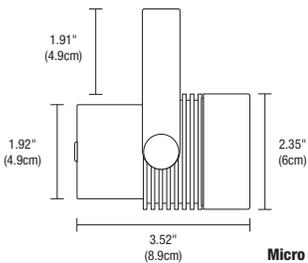
- Exterior Track
- 10 Gauge 3 Wire Cable
- Exterior Track Canopy Cover
- 2 Exterior Track End Caps (Included with Track)

### Transformers & Compatible Dimmers (Sold Separately)

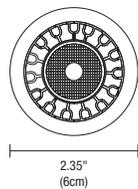
- 300W (2x150W) Exterior Black Transformer
- Magnetic Low Voltage Dimmer, by others

### Micro Fixture (Lamp Sold Separately)

- LED: 12VAC MR16 7.5W Soraa 27K or 30K
- Halogen: 12VAC up to 50W MR16



**Micro**



2.35"  
(6cm)

## ORDERING CODE

Product	Type	Finish
<b>TX12</b>	<b>MICRO</b>	<b>BK</b>
<small>TX12 Track Exterior</small>	<small>MICRO Micro Track Head</small>	<small>BK Black WH White</small>

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 foot lengths. Finish available in black or white. 10/3 cable is required and sold separately. The Aluminum finish will not discolor from exposure to sunlight and weather.

Product	Type	Nominal Size	Finish
<b>TX12</b>	<b>SQ</b>	<b>4FT</b>	<b>BK</b>
TX12 Track Exterior	SQ Square Track	4FT 4 Feet 8FT 8 Feet	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. Use transformer booster tap if output falls below 10.4Volts. 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. Available in Black or White. UL listed for wet locations.

Product	Type	Finish
<b>TX12</b>	<b>CB</b>	<b>BK</b>
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. Finish available in black or white.

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

## Exterior Track End Caps (Included with Track)

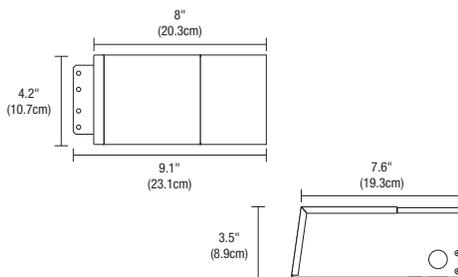
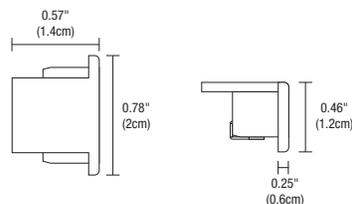
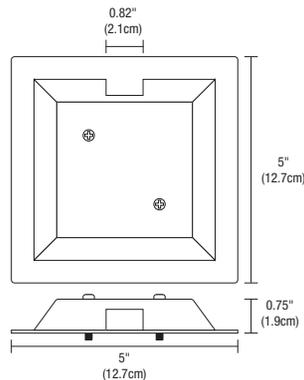
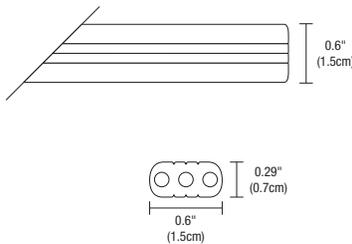
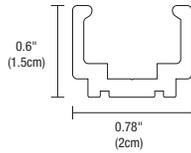
Exterior track end caps provide a clean appearance at the end of a track run. Finish available in black or white. Two per package.

Product	Type	Finish
<b>TX12</b>	<b>CA</b>	<b>BK</b>
TX12 Track Exterior	CA End Cap	BK Black WH White

## Exterior Transformer

Magnetic Transformer total 300W, 2 circuit, 2x150W with booster tap. Dimmable with any Magnetic Low Voltage Dimmer, by others as long as you cover dimmer's minimum load.

Product
<b>EGP300P12AC</b>
EGP300P12AC Exterior Transformer, two 150 watt circuits, 300 watt with 12VAC with Booster Tap



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## Soraa Vivid 7.5W LED Lamps: MR16 GU5.3 LED Lamps for use with enclosed Exterior Micro Fixtures

### Description

Soraa Vivid LED MR16 lamps feature a choice of 10, 25, or 36 degree beams and a choice of 2700K or 3000K color temperatures. Works as a 50W halogen replacement for fully enclosed Exterior fixtures. Exceptional beam control with smooth, uniform beams. Single light source provides a single, crisp shadow. 3 year manufacturer's warranty is included. Dimmable and flicker free, No UV or IR.

### Output Range

1210-6000 CBCP, 390-490 lumens

### Certifications

UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE.

### Energy Efficiency

Rated lifetime of 35,000 hours; 85% more efficient than halogen lamps.

### Highly Compatible

Thermally and geometrically compatible with standard fixtures. Suitable for fully enclosed fixtures per UL 1993, and suitable for wet locations per UL. Work with trailing edge and leading edge cut dimmers, 12V AC magnetic and electronic transformers, and 12V DC transformers.

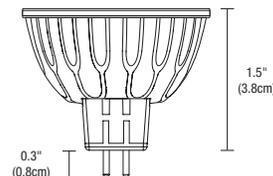
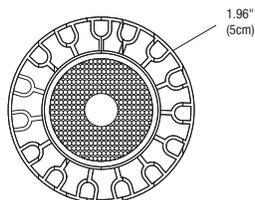


### 27K LAMP SPECIFICATIONS

Ordering Code	Wattage	Color Temperature	CRI	Beam Angle	Lumens	Lumens per Watt	CBCP	Halogen Equivalent
SM16-07-10D-927-03	7.5W	2700K	95	10°	390	52	5710	50W
SM16-07-25D-927-03	7.5W	2700K	95	25°	410	55	2260	50W
SM16-07-36D-927-03	7.5W	2700K	95	36°	410	55	1070	50W

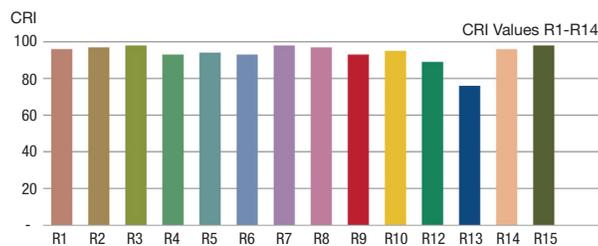
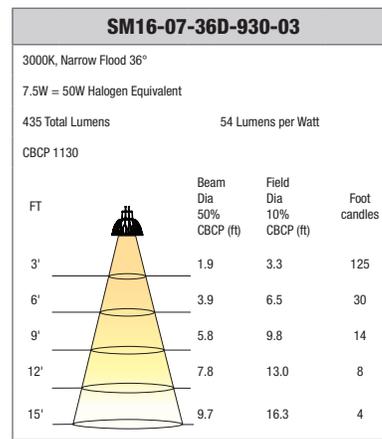
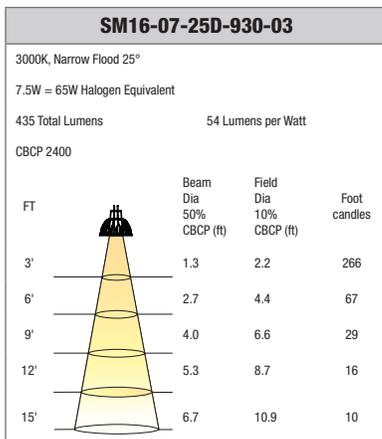
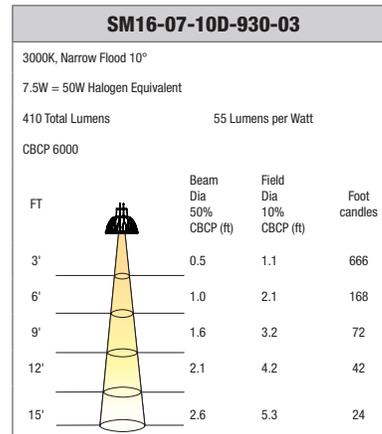
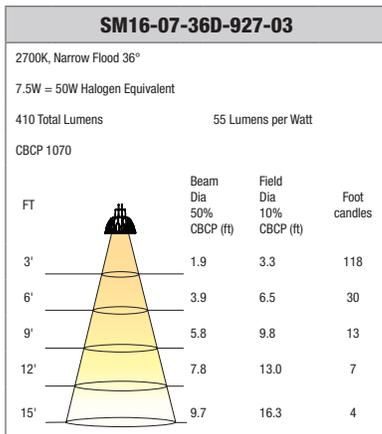
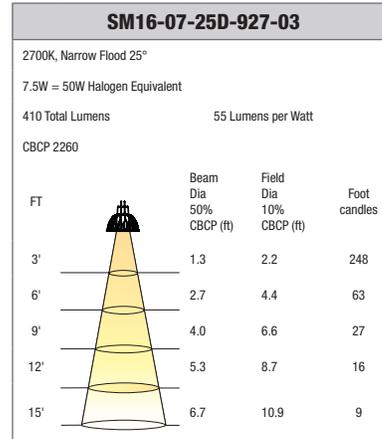
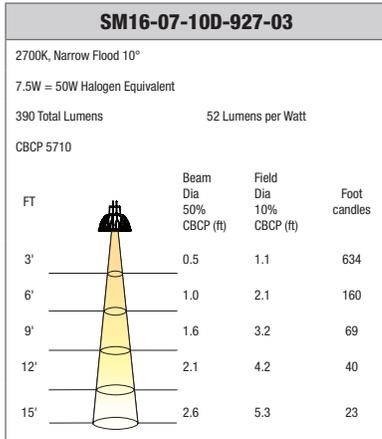
### 30K LAMP SPECIFICATIONS

Ordering Code	Wattage	Color Temperature	CRI	Beam Angle	Lumens	Lumens per Watt	CBCP	Halogen Equivalent
SM16-07-10D-930-03	7.5W	3000K	95	10°	410	55	6000	50W
SM16-07-25D-930-03	7.5W	3000K	95	25°	435	58	2400	50W
SM16-07-36D-930-03	7.5W	3000K	95	36°	435	58	1130	50W



PROJECT		FIXTURE TYPE		DATE	
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## Soraa Vivid 7.5W LED Lamps: LED Lamp Data



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## Soraa Vivid 7.5W LED Lamps: LED Lamp Data

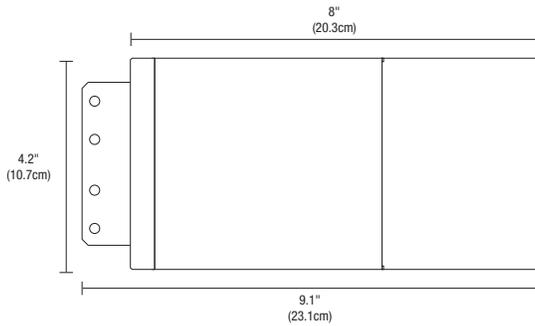
Soraa Vivid LED Lamp Data			
Lamp	Color Accuracy	Whitiness Index	Special Power Distribution
Vivid 2700K	Rf: 90   Rg: 100   Rfh 1: 95	Rw: 120	CRI: 95, R9: 95
Vivid 3000K	Rf: 90   Rg: 100   Rfh 1: 95	Rw: 120	CRI: 95, R9: 95

PROJECT		FIXTURE TYPE		DATE	
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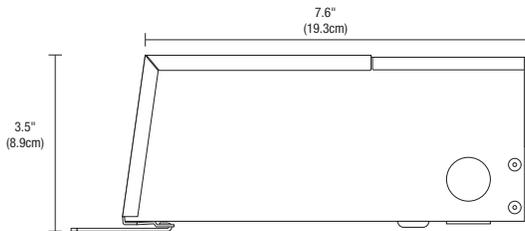
**Transformer:** EGP300P12AC Exterior Black Powder Coated Steel Transformer



**Front View**



**Side View**



**Description**

Magnetic Transformer total 300W, 2 circuit, 2x150W with booster tap. Dimmable with any Magnetic Low Voltage Dimmer, by others as long as you cover dimmer's minimum load. The temperature is rated Class B (130°C). The lead maximum operational temperature is 105°C. The enclosure is black powder coated steel, NEMA 3R rated. The wiring compartment has 6 knockout sized for 3/8 inch screw cable connectors.

**Applications** Exterior\*

\*To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.

**Power Input**

120VAC, 60Hz

**Power Output**

Without load: 12.4VAC

Fully Loaded: 11.8VAC

2x150 watts maximum

Use booster tap when output voltage is under 10.4 volts

**Dimensions**

8" x 4.2" x 3.5"

**Dimmer Type**

Magnetic Low Voltage Dimmer, by others

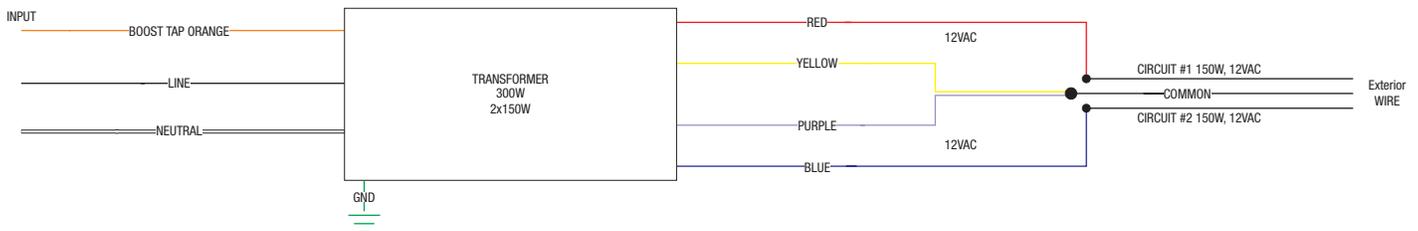
**ORDERING CODE**

Product

**EGP300P12AC**

**EGP300P12AC** Exterior Transformer, two 150 watt circuits, 300 watt with 12VAC with Booster Tap

**Wiring Diagram:** Wiring Diagram for the EGP300P12AV Transformer



**300W, 12VAC LOW VOLTAGE WIRE SIZE CHART (3% VOLTAGE DROP)**

Total Circuit Distance	Up to 6ft	7ft - 10ft	11ft - 16ft	17ft - 25ft	26ft - 30ft	40ft - 48ft
Wire Size	10 AWG	8 AWG	6 AWG	4 AWG	3 AWG	1 AWG

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