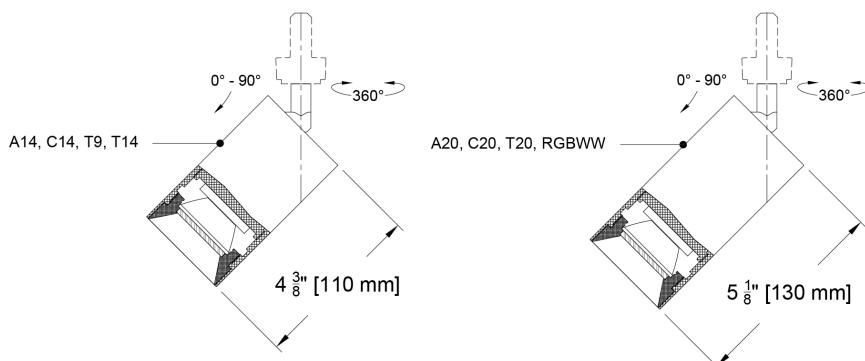


# The Yashar Family

Welcome to the Yashar Mains Scope track accent light, for use with our Mains track. The accent light, a derivative of the Scope Original Monopoint, features integral drivers mounted in the track adaptor. Available driver types include 0-10 volt, DMX, DALI-2 and phase dimming options. Sources include static white LEDs in a variety of color temperatures, as well as our proprietary Ambient Dim™ chips, & Tunable White. In addition, all of the finish options available in the Monopoint are available for the Yashar version.



## Finish Options - See finish guide for full spectrum of colors

PXX- Powder Coat Paint examples



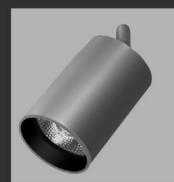
P14 White Paint   P13 Moog Bronze

AXX- Anodize finish examples



A01 Black Anod.   A32 Clear   A20 Blue

AMXX- Matte Anodize



AM32 Clear

BXX- Brass finish



B05 Satin Brass

PROJECT:

TYPE:

SPECIFIER:

DATE:

## Key Points (YSMH-SCO)

### Housing

- Track accent head for use in Yashar Mains Track.
- Adjustable 360° degree rotation and 90° degree tilt.
- 40 finish options, including anodized, brass, painted + Custom/RAL#.
- Precision CNC machined aluminum in New Jersey.
- Track mounted with integral drivers in track adaptor fitting.

### Source / Optics

- 4 beam spreads - 20°, 28°, 40° and 60°
- Up to 1307 delivered lumens.
- <2 MacAdams Ellipses (<2 SDCM) for fixed white.
- 2400K, 2700K, 3000K, 3500K, 4000K, Ambient Dim™ in 3 CCT ranges: 2700K-2200K, 3000K-1900K, & 3000-2200K RGBWW: 1800K-6500K
- 90+ CRI, 60+ R9 Standard, 95+ CRI, 90+ R9 available with Ambient Dim™ option
- CA Title 24 JA8 Supports CA Title 24 Requirements to JA8 in most configurations.
- Lifetime: L87B3>55,000 hours at 40°C Ambient

### Driver And Control

- 120 volt.
- 0-10 volt, phase, or DALI-2. DALI-2 control enables individual control of each fixture.
- For track mount heads, 0-10 volt dimming control provides single zone of dimming control on 120 volt (2 or 3 circuit track) as the circuits are combined on the 0-10 volt control side. For two circuit applications ELV/Triac drivers are available to dim each circuit separately as there is a separate neutral for each circuit. We do not recommend using the ELV/Triac drivers in three circuit applications, as the three circuits share a common neutral. Refer to YSMT cutsheets for details on voltage and circuiting.

# Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: YSMH-SCO-C14-30-TD3-AM01-97L

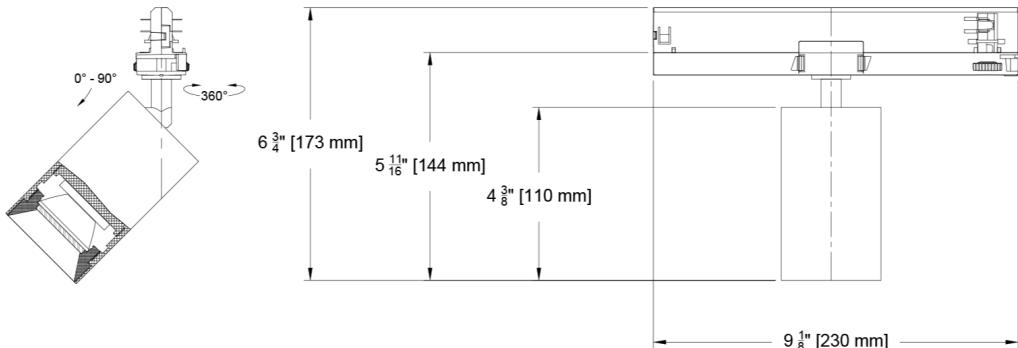
Fixture	Source / Watts	CCT	Beam	Driver / Control	Head Finish	Lens Accessories
YSMH-SCO Yashar Mains Scope Original Track Head - YSMH-SCO	<p><b>Citizen</b></p> <p>C14   14W 1292Lm* 90+CRI, 60+R9</p> <p>C20   21W 1422Lm** 90+CRI, 60+R9</p> <p><b>Tunable</b></p> <p>T9 90+CRI, 60+R9 Tunable White</p> <p>T14 90+CRI, 60+R9 Tunable White</p> <p>T20   21W 1490Lm^ 90+CRI, 60+R9 Tunable White</p> <p><b>RGBWW</b></p> <p>RGBWW 13W 1346Lm 96+CRI, 93+R9 *E4 Only</p> <p><b>Ambient Dim™</b></p> <p>A14   15W 851Lm* 95+CRI, 90+R9</p> <p>A20   21W 858Lm 95+CRI, 90+R9</p> <p>  Supports CA Title 24 compliance to JA8 requirements.</p> <p>*Based on 28° Beam</p>	<p>24 2400K</p> <p>27 2700K</p> <p>30 3000K</p> <p>35 3500K</p> <p>40 4000K</p> <p><b>Tunable</b></p> <p>TW1840 1800-4000K Tunable White w/ TD2 &amp; TD4</p> <p>TW2765 2700-6500K Tunable White w/ TD2 &amp; TD4</p> <p><b>RGBWW</b></p> <p>R1865 1800-6500K RGBWW Dynamic Color Changing *TD4 Only</p> <p><b>Ambient Dim™</b></p> <p>2722 * 2700-2200K *A14 Only</p> <p>3019 3000-1900K</p> <p>3022 * 3000-2200K *A14 Only</p>	<p>20 Spot</p> <p>28 Narrow Flood</p> <p>40 Flood</p> <p>60 Wide Flood</p>	<p>TD1 0-10V 2.0%, (120-277V) linear</p> <p>TD2 DALI-2 1.0%, (120-277V) linear</p> <p>TD3 ELV/Triac 5.0%, (120-120V) linear</p> <p>TD4^ DMX 0.1%, UNV (120-277V) Universal DMX Driver/Controller RGBWW-DMX</p> <p><small>^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS</small></p>	<p>AM01 Black Matte Anodize^</p> <p>AMXX Specialty Matte Anodize Color^*</p> <p>AM1-AM36</p> <p>A32 Clear Anodize^</p> <p>AXX Specialty Anodize Color^*</p> <p>A1-A36</p> <p>W White Paint</p> <p>PXX Specialty Paint Color*</p> <p>P01-P15</p> <p>B05 Satin Brass^</p> <p>BXX Brass Finishes^</p> <p>B01-B07</p>	<p><b>Reflector (lamp Media)</b></p> <p>91L Solite</p> <p>97L Black Hexcel Louver</p> <p>XXL Other reflector (lamp media)*</p> <p></p> <p></p> <p>Note: Track adaptor furnished in White with W finish head. Other finishes furnished with a black track adaptor unless otherwise specified.</p> <p>^ Stem comes in selected color</p> <p>* See Finish Guide</p>

## Dimensions

### Yashar Mains Scope Track Head

**Standard Mount | A14, C14, T9, T14**

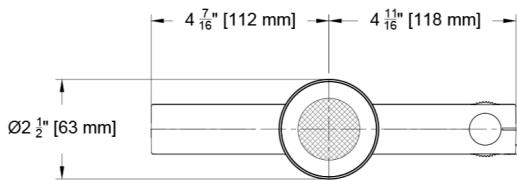
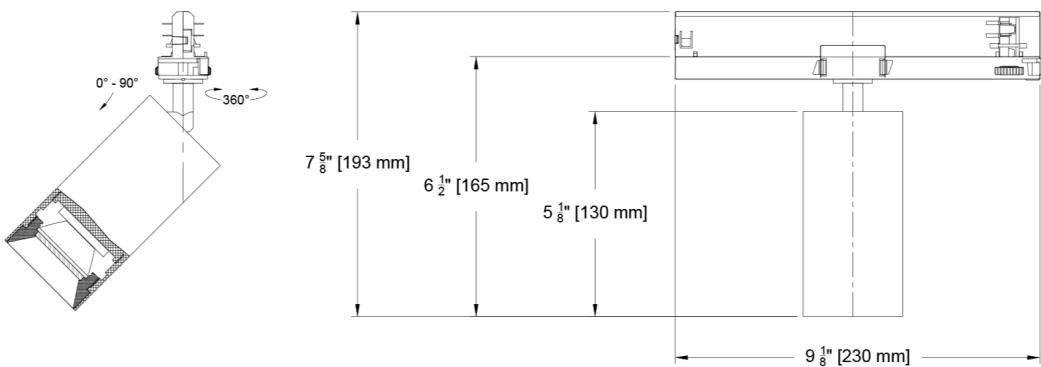
(YSMH-SCO-)



### Yashar Mains Scope Track Head

**Standard Mount | A20, C20, T20**

(YSMH-SCO-)

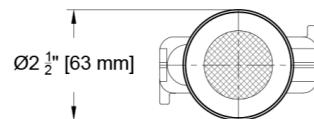
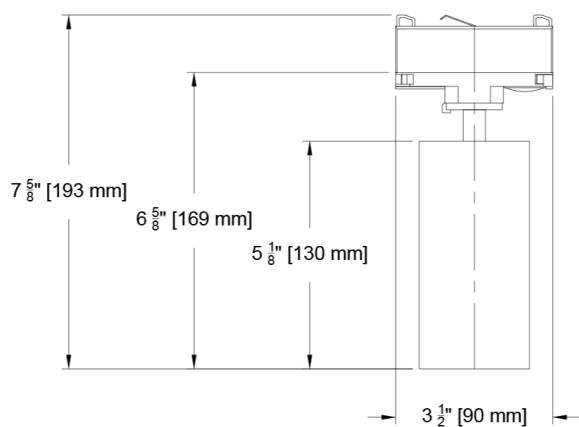
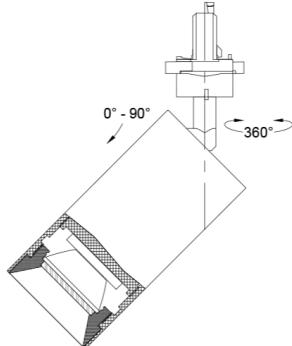


## Dimensions

### Yashar Mains Scope Track Head

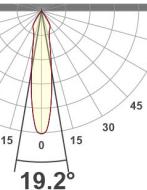
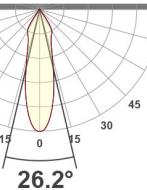
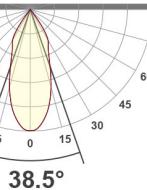
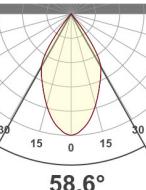
### Standard Mount | RGBWW

(YSMH-SCO-)



# Photometric Table

All data below are delivered lumens based on goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. The following combinations do not meet California Title 24 efficacy requirements - Ambient Dim 15°.

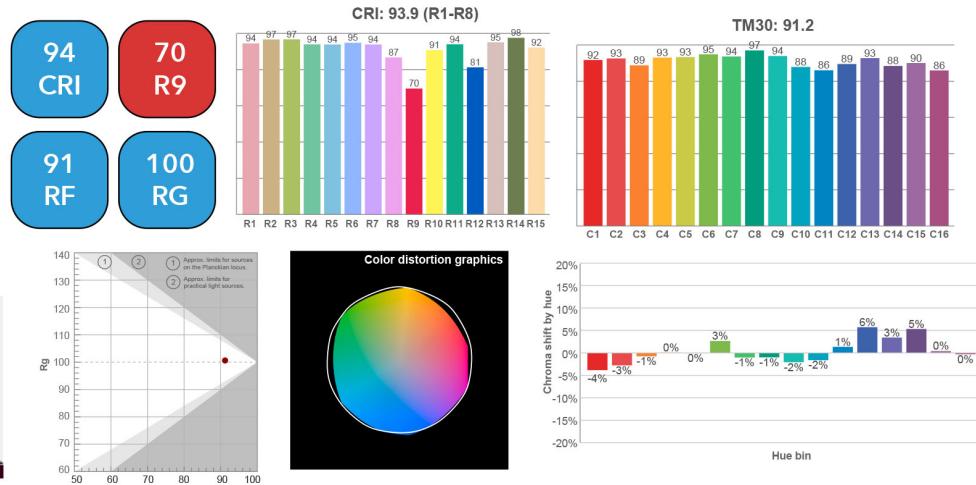
CYLINDER Beamspreads		20°					28°					40°					60°				
	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Del. Lumens (lm)	Lms/ Watt	Peak CD	10% Field				
Citizen C14	14	1290	92	4733	68°	1292	92	3395	71°	1255	90	2296	74°	1307	93	1702	78°				
Ambient Dim A14	15	851	58	3509	66°	810	55	2246	71°	783	54	1519	73°	836	57	1105	77°				
CCT Multiplier																					
CCT	Citizen	Beam angle					Beam angle					Beam angle					Beam angle				
2700	0.95	 19.2°					 26.2°					 38.5°					 58.6°				
3000	1.00																				
3500	1.02																				
4000	1.03																				

All Measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient Dim measured at full output. ISO CD Plots based C14 Source.

## Color Data

### Citizen Source C14

- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1



### Ambient Dim Source A14 (AD - 3000k to 1900k)

- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range

