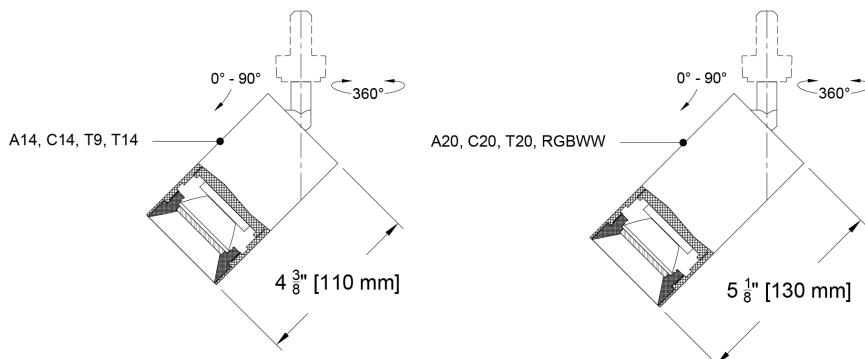


The Yashar Family

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

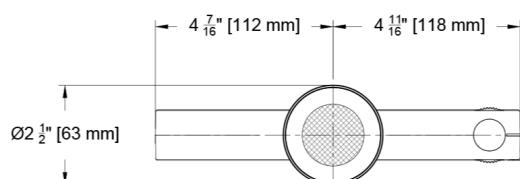
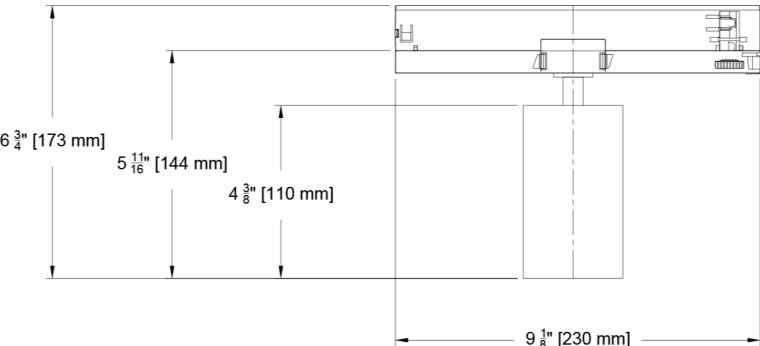
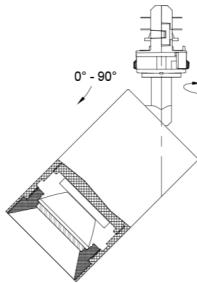
Fixture	Source / Watts	CCT	Beam	Driver / Control	Head Finish	Lens Accessories
YSMH-SCO Yashar Mains Scope Original Track Head - YSMH-SCO	<p>Citizen</p> <p>C14   14W 1292Lm* 90+CRI, 60+R9</p> <p>C20   21W 1422Lm** 90+CRI, 60+R9</p> <p>Tunable</p> <p>T9 90+CRI, 60+R9 Tunable White</p> <p>T14 90+CRI, 60+R9 Tunable White</p> <p>T20   21W 1490Lm^ 90+CRI, 60+R9 Tunable White</p> <p>RGBWW</p> <p>RGBWW 13W 1346Lm 96+CRI, 93+R9 *E4 Only</p> <p>Ambient Dim™</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>Tunable</p> <p>TW1840 1800-4000K Tunable White w/ TD2 & TD4</p> <p>TW2765 2700-6500K Tunable White w/ TD2 & TD4</p> <p>RGBWW</p> <p>R1865 1800-6500K RGBWW Dynamic Color Changing *TD4 Only</p> <p>Ambient Dim™</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>Reflector (lamp Media)</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

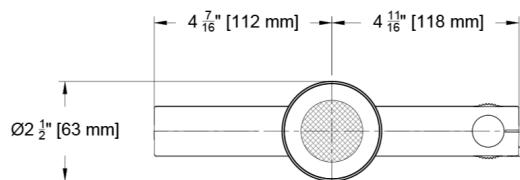
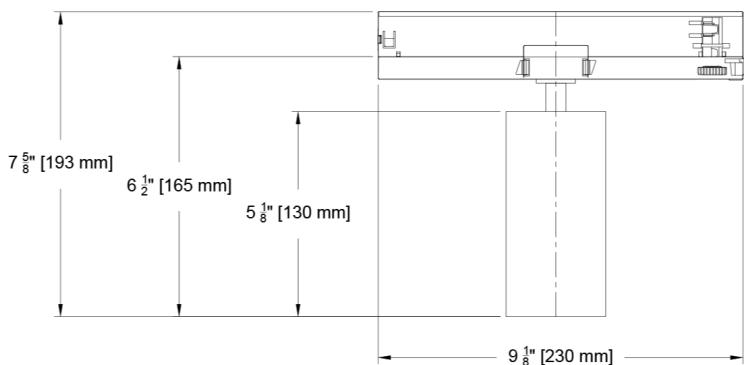
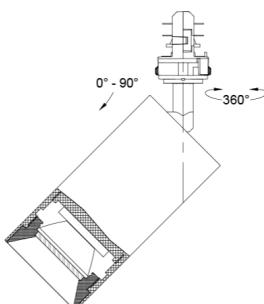
(YSMH-SCO-)



Yashar Mains Scope Track Head

Standard Mount | A20, C20, T20

(YSMH-SCO-)

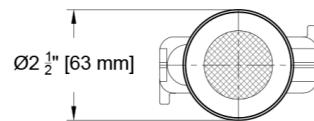
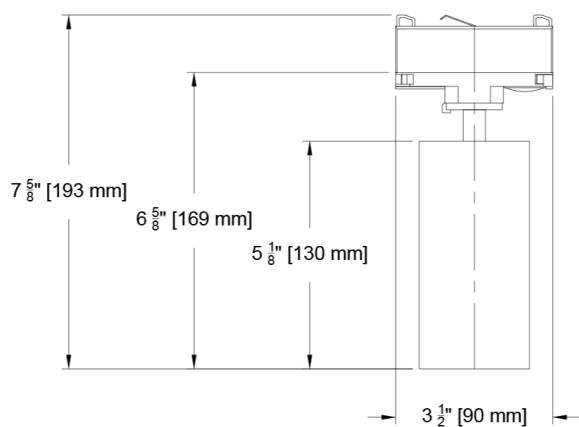
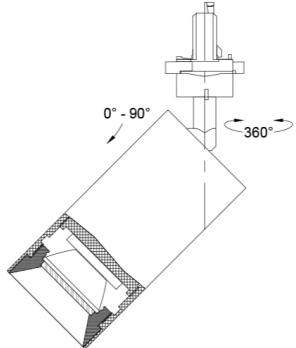


Dimensions

Yashar Mains Scope Track Head

Standard Mount | RGBWW

(YSMH-SCO-)

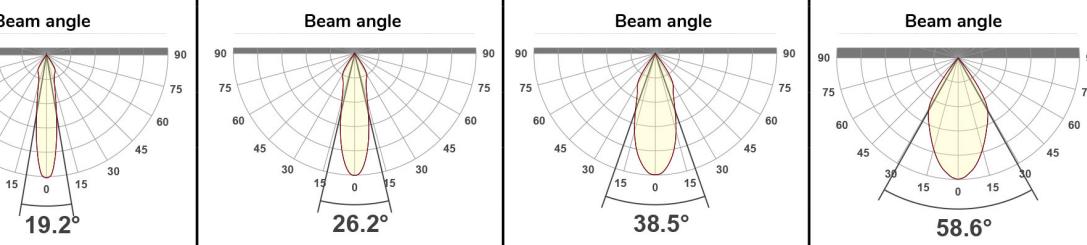


Photometric Table

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		Beam angle					Beam angle					Beam angle					Beam angle				
CCT	Citizen																				
2700	0.95																				
3000	1.00																				
3500	1.02																				
4000	1.03																				

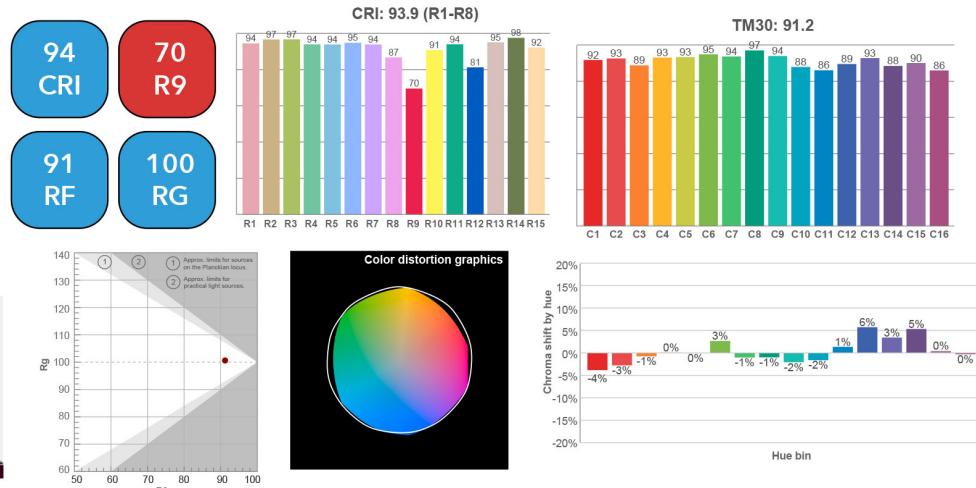
All Measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient Dim measured at full output. ISO CD Plots based C14 Source.



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

