

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, DALI and phase dimming options. Sources include static white LEDs in a variety of color temperatures, as well as our proprietary Ambient Dim chips. In addition, all of the finish options available in the Monopoint are available for the Yashar version. We hope that you enjoy the details.

PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (YSMH-SCO)

Housing

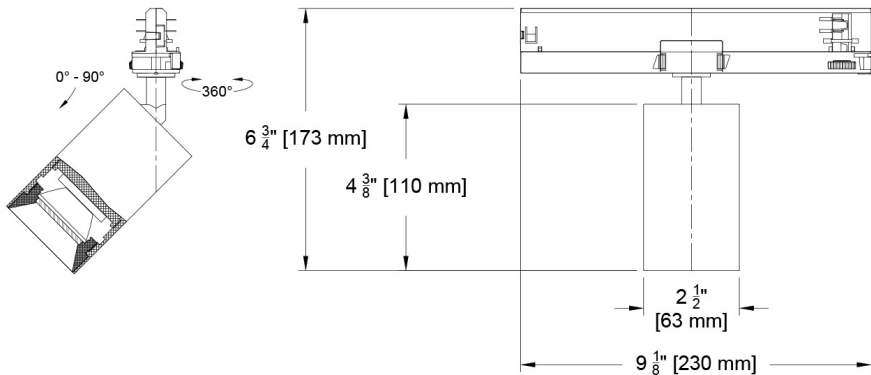
- Track accent head for use in Yashar Mains Track.
- Adjustable 360° degree rotation and 90° degree tilt.
- 40 finish options, including anodized, brass, painted + Custom/RAL#.
- Precision CNC machined aluminum in New Jersey.
- Track mounted with integral drivers in track adaptor fitting.

Source / Optics

- 4 beam spreads - 20°, 28°, 40° and 60°
- Up to 1307 delivered lumens.
- <2 MacAdams Ellipses (<2 SDCM) for fixed white.
- 2700, 3000, 3500, 4000K, Ambient Dim in three CCT ranges.
- 90+ CRI, 60+ R9 Standard, 95+ CRI, 90+ R9 available with Ambient Dim option
- **TITLE 24** 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 and DALI. DALI 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.



Finish Options - See finish guide for full spectrum of colors

PXX- Powder Coat Paint examples		AXX- Anodize finish examples			AMXX- Matte Anodize	BXX- Brass finish
P14 White Paint	P13 Moog Bronze	A01 Black Anod.	A32 Clear	A20 Blue	AM32 Clear	B05 Satin Brass

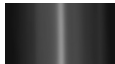
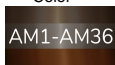


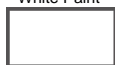





CYLINDER Beamspreads	20°					28°				40°				60°			
	System watts (W)	Delivered Lumens (lm)	Lumens/Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/Watt	Peak CD	10% Field	Del. Lumens (lm)	Lms/Watt	Peak CD	10% Field
Citizen C14	14	1290	92	4733	68°	1292	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°

Ordering Codes

PROJECT: _____ SPECIFIER: _____

DATE: _____ TYPE: _____ QUANTITY: _____

Ordering Code Example: YSMH-SCO-C14-30-28-TD3-AM01-97L

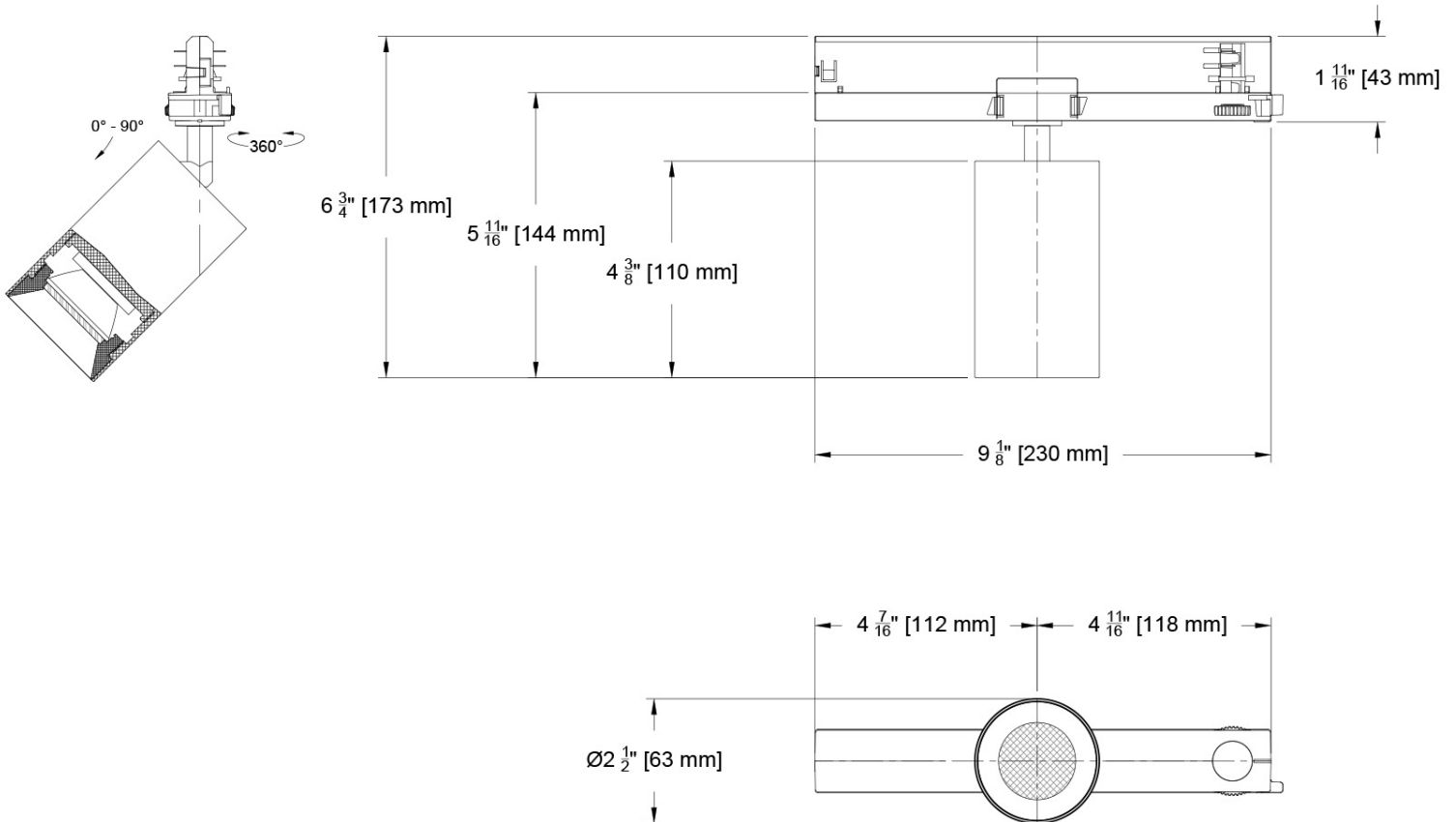
FIXTURE	SOURCE / WATTS	CCT	BEAM	DRIVER / CONTROL	HEAD FINISH	LENS ACCESSORIES
YSMH-SCO						
Yashar Mains Scope Original Track Head - YSMH-SCO	<p>Citizen</p> <p>C14 ●● 14W 1292Lm* 90+CRI, 60+R9</p> <p>Ambient Dim</p> <p>A14 ●● 15W 851Lm* 95+CRI, 90+R9 3000 to 1900K</p> <p>●● Supports CA Title 24 compliance to JA8 requirements.</p> <p>*Based on 28° Beam</p>	<p>27 2700K</p> <p>30 3000K</p> <p>35 3500K</p> <p>40 4000K</p> <p>Ambient Dim</p> <p>AD 3000-1900K</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%, (120-120V) linear</p> <p>TD2 DALI-2 1.0%, (120-120V) linear</p> <p>TD3 ELV/Triac 5.0%, (120-120V) linear</p>	<p>AM01 Black Matte Anodize^</p>  <p>AMXX Specialty Matte Anodize Color^</p>  <p>A32 Clear Anodize^</p>  <p>AXX Specialty Anodize Color^</p>  <p>W White Paint</p>  <p>PXX Specialty Paint Color*</p>  <p>B05 Satin Brass^</p>  <p>BXX Brass Finishes**</p>  <p>Note: Track adaptor furnished in White with W finish head. Other finishes furnished with a black track adaptor unless otherwise specified. ^Stem comes in selected color * See Finish Guide</p>	<p>Reflector (lamp) Media</p> <p>91L Solite</p> <p>97L Black Hexcel Louver</p> <p>XXL Other reflector (lamp) media*</p>  

Dimensions

Yashar Mains Scope Track Head

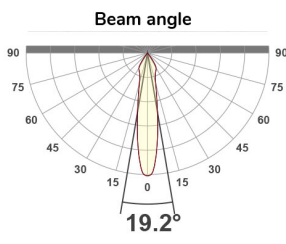
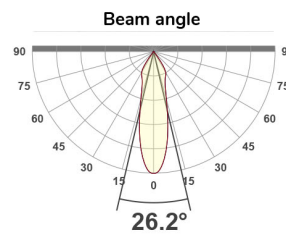
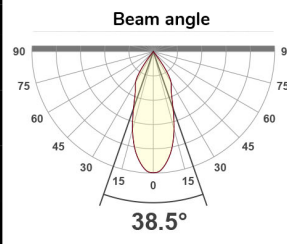
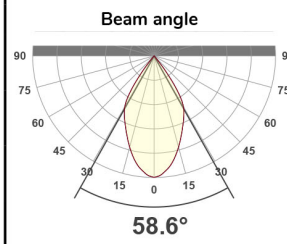
Standard Mount

(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																
2700	0.95	19.2°				26.2°				38.5°				58.6°			
3000	1.00																
3500	1.02																
4000	1.03																

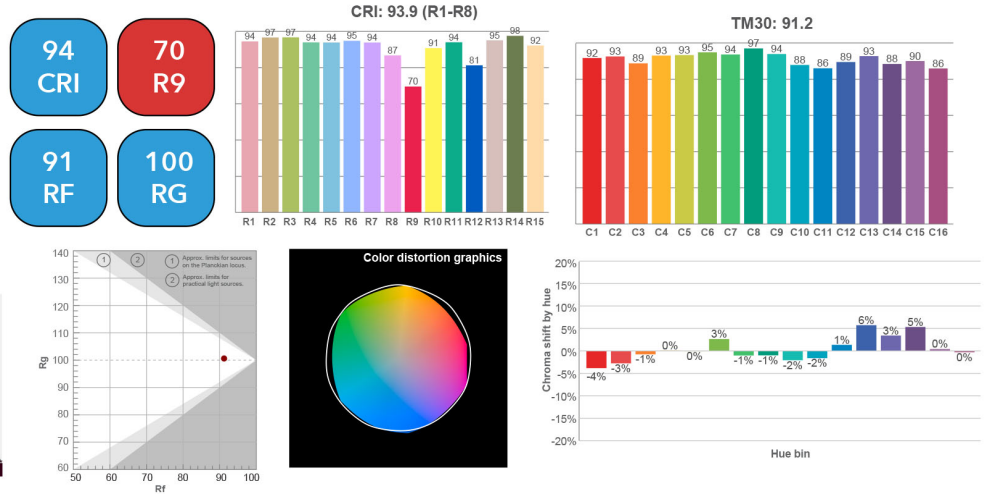
All Measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient Dim measured at full output. ISO CD Plots based C14 Source.

Color Data

All data below are delivered lumens. Color and flux information based on goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer data range as listed on their datasheet.

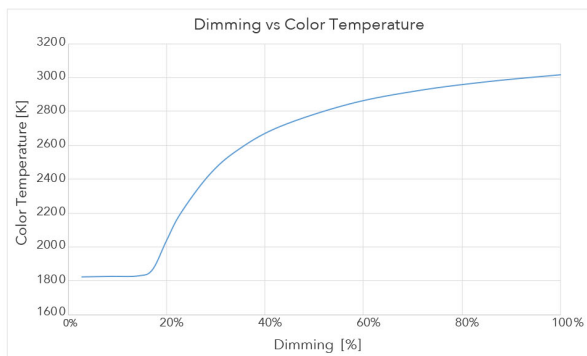
Citizen Source C14

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

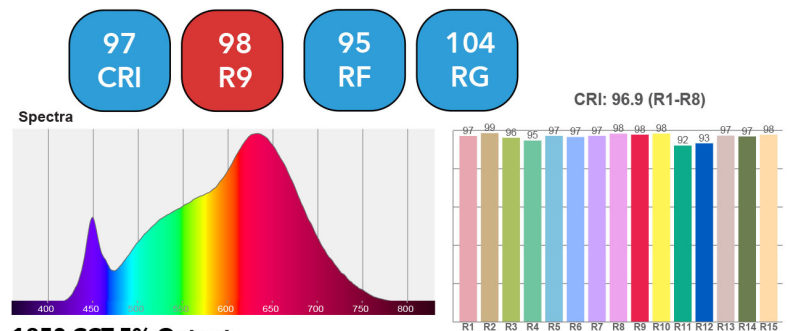


Ambient Dim Source A14 (AD - 3000k to 1900k)

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



3000 CCT Full Output



1850 CCT 5% Output

