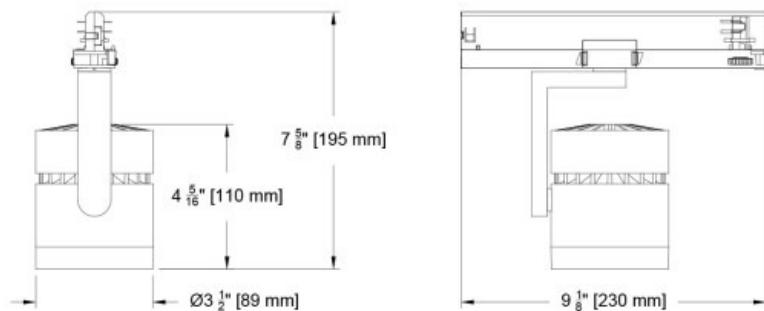


## The Yashar Family

The INK Yashar Accent Heads are next generation and are designed to work with the Yashar track family. They are the latest addition to the Yashar Family of track heads, featuring Bluetooth controlled variable color tuning and dynamic beam shaping optics designed specifically for the lighting professional. The fixtures install like standard track heads and are power by a proprietary adaptor following DALI-2 protocol. These accent lights can be located anywhere within your track and are a powerful new tool in the Yashar family.



PROJECT:

TYPE:

SPECIFIER:

DATE:

### Key Points (INKYSMH-MSC-L)

#### Housing

- Die-cast aluminum housing.
- Available in Black or White painted finish.
- Accent Head for use in Yashar track.
- Yoke mounted head, adjustable 360° degree rotation and 180° degree pan and tilt.
- Track mounted with integral drivers in track adaptor fitting.

#### Source / Optics

- 20 watt tunable white sources available in 1800-4000K CCT and 2700-6500K CCT ranges.
- 17 watt dynamic RGBW source available. Consult factory.
- Up to 1490 delivered lumens in tunable white.
- Bluetooth controlled dynamic beam shaping with versatile beamspread range of 10° to 50°.
- 94+ CRI, 76+ R9 accross all CCT's in tunable white.
- <3 MacAdams Ellipses (<3 SDCM) for tunable white.
- **TITLE 24** Fixture supports CA Title 24 compliance meeting JA8 requirements
- Lifetime: L87B3>55,000 hours at 40°C Ambient

#### Driver And Control

- 120/277 volt input.
- Driver and Bluetooth interface integral with track head.
- DALI-2 protocol or Casambi Bluetooth\* interface allow individual control of each fixture.
- \* Casambi Bluetooth control required with Dynamic Beam Shaping.

# Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: INKYSMH-MSC-L

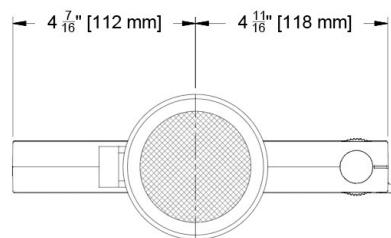
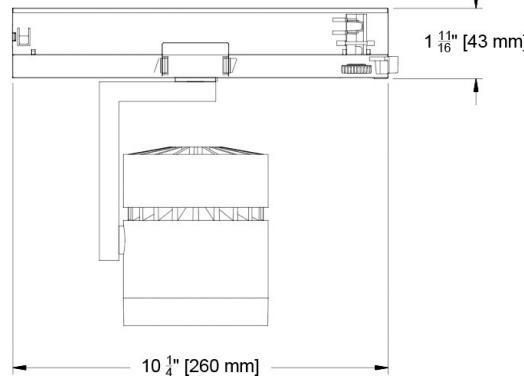
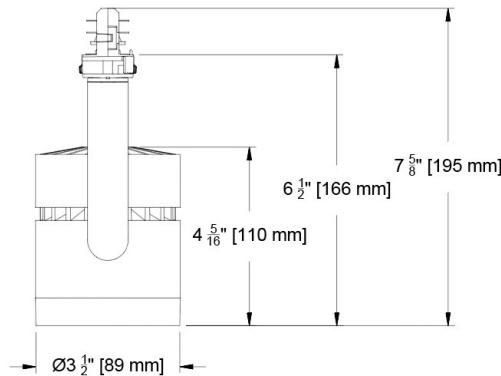
Fixture	Source / Watts	CCT	Beam	Driver / Control	Head Finish	Lens Accessories
INKYSMH-MSC-L	<p><b>Ink™</b></p> <p>Tunable White 90+CRI, 70+R9 1800-400K or 2700-6500K^</p> <p>RGBW 17W 650Lm^ 90+CRI, 60+R9 Dynamic Color Changing</p> <p><b>Citizen</b></p> <p>C17  20W 1989Lm* 90+CRI, 60+R9</p> <p>C24  29W 2757Lm* 90+CRI, 60+R9</p> <p>C32  35W 2751Lm* 90+CRI, 60+R9</p> <p>* Based on 20° Beam &amp; 2765 CCT</p> <p>^ Consult factory</p>	<p><b>Ink™</b></p> <p>1840 1800-4000K Tunable White</p> <p>2765 2700-6500K Tunable White</p> <p><b>Tunable</b></p> <p>RGBW 1200-8000K Dynamic Color Changing</p> <p><b>Citizen</b></p> <p>27 2700K</p> <p>40 4000K</p> <p>35 3500K</p> <p>30 3000K</p>	<p><b>Ink™</b></p> <p>10-50 INK Dynamic Beam Shaping Range 10 - 50 degrees</p> <p><b>Citizen</b></p> <p>28 Narrow Flood</p> <p>18 Spot</p> <p>35 Flood</p>	<p><b>Ink™</b></p> <p>INKCA 0.1%, (120-277V) DALI-2 based, Casambi controlled driver/48 volt power supply - consult factory for wattages</p> <p>Note: Power supplies can control multiple fixtures. DALI-2 allows individual control of fixtures. Consult factory.</p>	<p><b>B</b> Black Paint</p> <p><b>W</b> White</p> <p>Note: Aperture Trim Bezel is black in all finishes.</p>	<p><b>MSC4-XB</b> 4" Mosaic Cross Baffle</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>

## Dimensions

### INK Yashar Mosaic Large Track Head

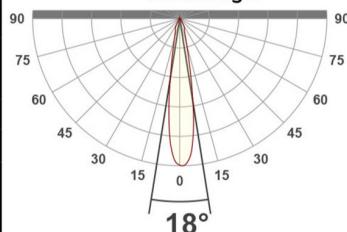
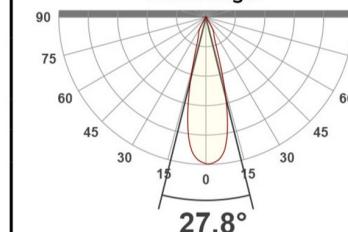
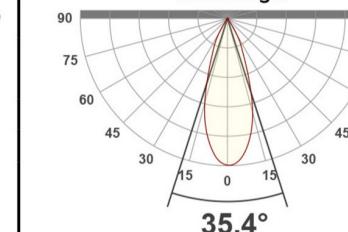
#### Standard Mount

(INKYSMH-MSC-L-)



# Photometric Table

Photometric data available upon request. Consult factory. 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.

Round Beamspreads		18°				28°				35°			
Source	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
Citizen C17	20	1928	96	11737	39°	1989	99	7118	57°	1975	99	4982	63°
Citizen C24	29	2646	93	16324	39°	2757	97	9845	57°	2719	95	6875	63°
Citizen C32	38	3380	90	20933	39°	3513	93	12636	57°	3490	93	8847	63°
CCT Multiplier		Beam angle				Beam angle				Beam angle			
CCT	Citizen	 18°				 27.8°				 35.4°			
All measurements are delivered lumens based on 3000K unless otherwise noted below.													

ISO cd Plots based upon C32 Source. Refer to photometry tab on product page for exact ICO cd plot and IES files.

		10°				30°				50°			
Source	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
Tunable White- 1840	21												
Tunable White - 2765	21												
Dynamic RGBW	18												
		Consult Factory for Photometric Data 732-517-0800											



# Citizen Source C17, C24, C32

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.

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

