



Lightolier 3D Crown Series Track Head is the perfect solution for those seeking full control over their light effect while maintaining an aesthetically pleasing appearance. With eight configurable color options and a front accent ring that can be tailored to your liking, this track head offers a unique and sophisticated look. Interchangeable optics and accessory compatibility make it easy to adjust the beam performance to your desired specifications. The Crown Series Track Head's sleek design, internal driver, and integrated hinge give it a contemporary appearance that is sure to enhance any space, while Lightolier's AccuRender Technology provides the highest color quality with the highest efficacy. Positioned close to the ceiling, it offers a clean and modern lighting design that is not only functional but also visually stunning.

Fixture

Now including AccuRender technology for the highest color quality at the highest efficacy.

example: 3DTHCN S L WHST LF WHST 15L RMF 30K WH

Series	Size	Adapters	Housing Colors	Textures	Inner Ring Color	Lumens	Reflector / Beam Spreads	CRI / CCT	Mounting Color
3DTHCN	S			LF					
3DTHCN Crown Series	S Small	L Lightolier J Juno H Halo	Satin Essentials BKST Black BSST Brass BZST Bronze CAPP Cappuccino GYST Grey ROSE Rose SAGE Sage WHST White	LF Layered Fine	Satin Essentials BKST Black BSST Brass BZST Bronze CAPP Cappuccino GYST Grey ROSE Rose SAGE Sage WHST White	10L 1000lm 15L 1500lm	RS Spot (15.5°) RNF Narrow Flood (21°) RMF Medium Flood (27°) RF Flood (38°)	27K 90 CRI / 2700K 30K 90 CRI / 3000K 35K 90 CRI / 3500K 40K 90 CRI / 4000K	BK Black WH White

Note: Different colors are available upon request but will require a longer lead time.

Optional Accessories (order separately)

LC10SN Snoot	AL Aluminum BK Black WH White
LC10SN Diffusion Film	SF Soft Focus FR Frosted Etched LS Linear Spread SY Symmetrical Spread

Reflector / Beam Spreads

Aperture ring can hold maximum of 1 piece of media.
Compatible with OmniSpot Small Accessories.

LLM OmniSpot Reflectors	LLMRNS Spot (15.5°) LLMRS Narrow Flood (21°) LLMRNF Medium Flood (27°) LLMRF Flood (38°)
7472 OmniSpot Small hex cell louver (matte black only)	

Features

- Customizable:** choose from a wide variety of colors. Mix and match parts to make your perfect configuration.
- Sustainable:** 3D Printed products produce less carbon emissions when compared to traditional, conventional luminaires. [Learn more about our sustainable practices in our whitepaper.](#)
- Local production:** Printed and assembled in Littlestown, PA.
- Quick delivery:** Created on demand and shipped in weeks.
- Lifetime:** L90/B50 Lumen Maintenance at 63,000 hours. L70/B50 Lumen Maintenance at >110,000 hours.
- Aperture ring:** Included with luminaire. 3D printed to match housing or add a pop of accent color. Twist and lock tool-less access to reflector and install accessories. Accepts a maximum of 1 piece of media.
- Interchangeable reflector optics:** One reflector included with luminaire. High efficiency metalized coating providing up to 98% total reflectivity for optimal light quality, beam control and visual punch. Lens attached to reflector which protects reflector finish and LEDs from contamination.
- Finish:** Polycarbonate, Made from at least 55% Bio-circular mass balanced raw materials from ISCC certified waste streams and residues. [Learn more about our materials in our sustainability whitepaper.](#) Construction material is pigmented throughout, so your color finish will never chip or scratch.
- Recyclable at End of Life:** Our products are designed to be easily disassembled. We use no glue, no paint, no potting, and fewer screws. [Learn more about how to recycle your luminaires here.](#)

Declare.



interact ready.

Crown Series

3D Track Heads (1000lm, 1500lm)

Dimming Compatibility

Trailing edge (ELV) dimming compatible
SELV-300P Lutron Skylark (100-7%)
DVELV-300P Lutron Diva (100-7%)
6615-P Leviton Decora (100-12%)

Electrical

Wattage: 1000 lm = 9W, 1500 lm = 15W
Input Voltage: 120V
Frequency: 50/60Hz
Power Factor: 0.9
Control: ELV dimming

Mounting

Track Adapters: Lightolier, Juno or Halo
Horizontal rotation: 350°
Vertical tilt: 90°
Compatible with all Monopoint, Multipoint, recessed track, suspension track, as well as Basic, Advent track systems. Can be wall mounted vertically or horizontally. Cannot be used with extension wands.

Labels

UL, CSA (cULus), RoHS, IP20, DLC Premium Certified, Declare, LBC Red List Approval Pending, 5 Year Warranty

Buy American Act of 1933 (BAA)

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.

AccuRender Technology (CRI 90+)

The right light brings colors to life. Our new AccuRender technology helps ensure colors are rendered more accurately and consistently, while doing so as efficiently as CRI 80 products.



Standard CRI 80

Good color rendering and high efficacy



Standard CRI 90

Better color rendering and low efficacy



AccuRender

Best color rendering, color preference and high efficacy

Promote savings

High efficacy, with no penalty:

- Energy efficacy compares well to conventional CRI80
- Up to 25% more energy savings vs competitor CRI90¹
- Helps you meet Title 24 requirements

Enjoy design flexibility

Full range of products and options:

- Available soon in across Lightolier portfolio for application flexibility
- Multiple CCTs and lumen packages offered

1. Based on comparison of published specification sheet data, most competitor offerings reflect a 15 to 25% efficacy loss for CRI 90 compared to CRI 80, while Lightolier AccuRender results in only ≤5% drop compared to CRI 80.

Bolster wellbeing

High MDER:

- AccuRender has a Melanopic Daylight Efficacy Ratio up to 0.80
- Helps support Circadian Rhythm²
- Earns points towards WELL Building Standard

Contribute to productivity

High MDER:

- Supports daytime vitality³ and alertness⁴
- Supports mood, thermo-regulation, and learning centers in the brain⁵
- May positively influence work engagement by helping make the environment more attractive⁶

2. Czeisler, 1999; Dijk & Archer, 2009; Lucas 2012, 2019
3. Partonen 2000
4. Viola 2008, Smolders 2012; Geerdink 2017
5. Fernandez 2018; Rupp, 2019

Show your true colors

High color rendering:

- **CRI:**
R_a up to 94, R₉ up to 67, G_a up to 99, C₉ up to 94
- **TM-30:**
R_t up to 92, R_{fh} up to 91, R_g up to 100, R_{cs,hi} up to -5%
- **True to life colors** to help energize your environment and render better flesh tones critical for Healthcare, Hospitality and Retail

Achieve color balance

Best in class color consistency:

- ≤ 2 SDCM promotes aesthetic harmony

6. Veitch, Jennifer & Stokkermans, Mariska & R. Newsham, Guy. (2013). Linking Lighting Appraisals to Work Behaviors. Environment and Behavior. 45. 198-214. 10.1177/0013916511420560.

Crown Series

3D Track Heads (1000lm, 1500lm)

Colors

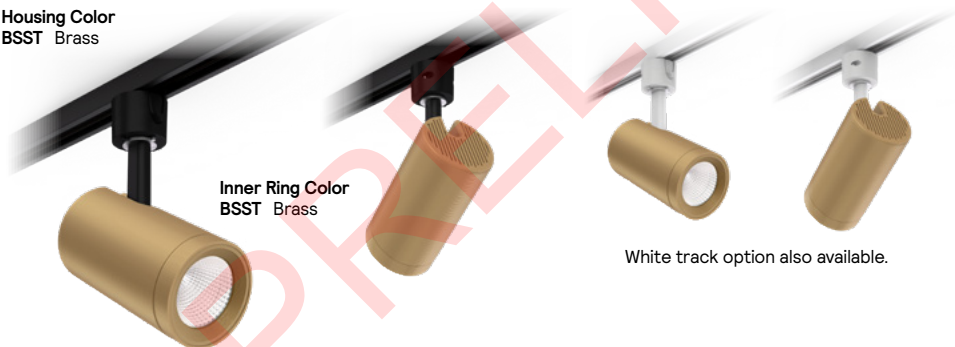
Housing Color
BKST Black



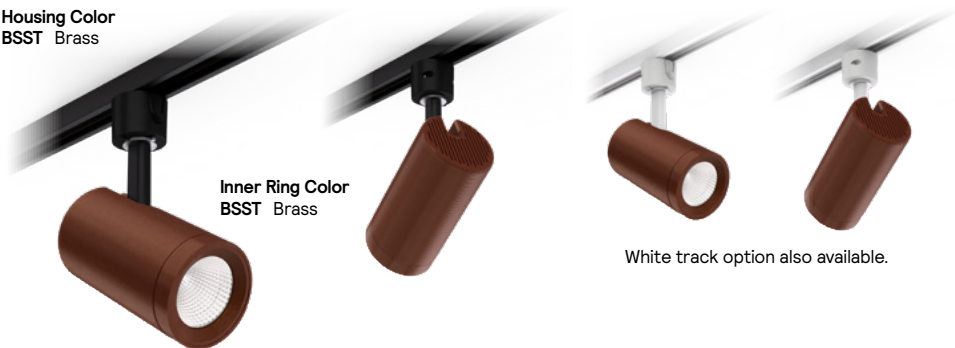
Housing Color
GYST Grey



Housing Color
BSST Brass



Housing Color
BSST Brass



Crown Series

3D Track Heads (1000lm, 1500lm)

Colors

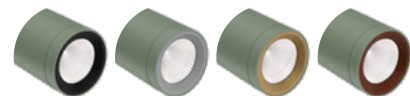
Housing Color
SAGE Sage



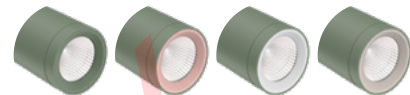
Inner Ring Color
SAGE Sage



White track option also available.

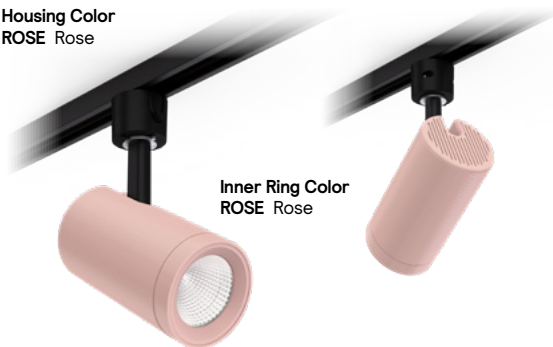


BKST Black GYST Grey BSST Brass BZST Bronze

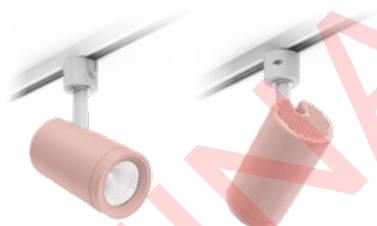


SAGE Sage ROSE Rose WHST White CAPP Cappuccino

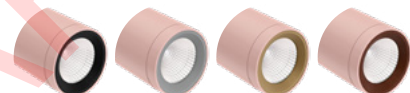
Housing Color
ROSE Rose



Inner Ring Color
ROSE Rose



White track option also available.

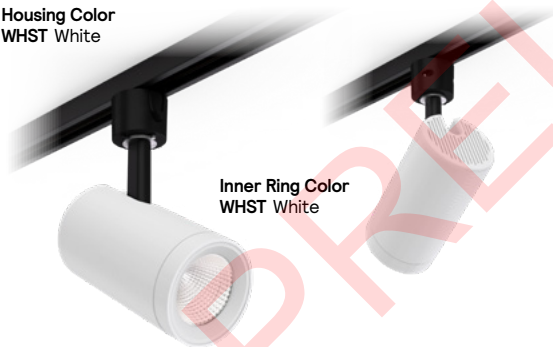


BKST Black GYST Grey BSST Brass BZST Bronze



SAGE Sage ROSE Rose WHST White CAPP Cappuccino

Housing Color
WHST White



Inner Ring Color
WHST White



White track option also available.



BKST Black GYST Grey BSST Brass BZST Bronze



SAGE Sage ROSE Rose WHST White CAPP Cappuccino

Housing Color
CAPP Cappuccino



Inner Ring Color
CAPP Cappuccino



White track option also available.



BKST Black GYST Grey BSST Brass BZST Bronze

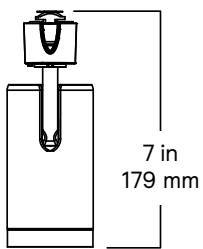


SAGE Sage ROSE Rose WHST White CAPP Cappuccino

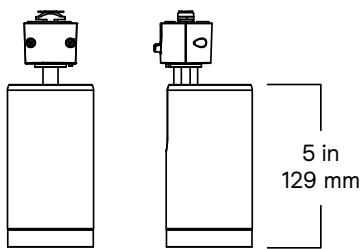
Crown Series

3D Track Heads (1000lm, 1500lm)

Dimensions

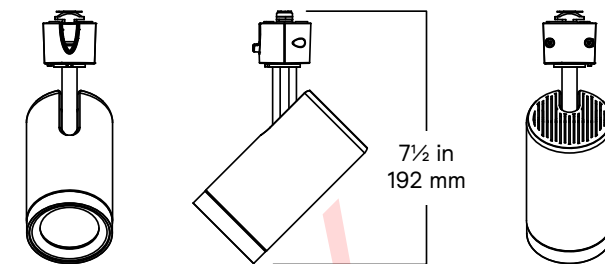


Back



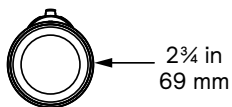
Front

Side

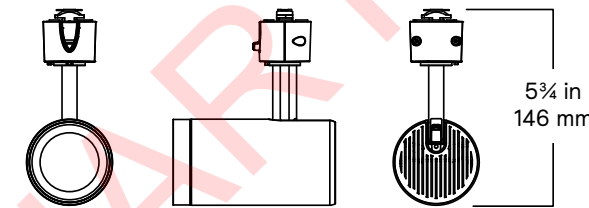


Front @ 45°

Side



2 3/4 in
69 mm



Front @ 90°

Side

5 3/4 in
146 mm

PRELIMINARY