

XTS AI

AI-Powered | Intelligent | Connected

2.75in &
3.15in
70mm/80mm

PRODUCT SPECIFICATION

AI-powered light that senses, learns, and perfects every visual moment.

Designed for premium retail, hospitality, and gallery settings, XTS-AI transforms ordinary light into an adaptive system that enhances color with absolute precision.

Features/Benefits

- **Adaptive AI Lighting** – Self-optimizing color balance for ideal illumination of every display, art piece, and environment
- **Perfect Light Rendering** – AI-calibrated RGBW LED achieves flawless color rendering and lifelike tone separation
- **Dual-Sensor Intelligence** – Embedded traffic + spectral sensors automatically fine tunes and enhances light output based on people and showcase colors
- **Traffic Data Collection** – Option to collect relevant data and provide intelligent insights on traffic flow and display popularity
- **Edge-AI Intelligence** – Instant response and privacy-safe operation with onboard decision-making
- **Smart Control Integration** – Wireless commissioning and scene control via intuitive app
- **Multiple Track Types** – Choose from H or J-Type Tracks, International 4-Wire 3-Circuit Track, Monopoint Surface, or Pendant mount
- **Minimalist Design** – Sleek design with no visible screw for modern interiors and display architecture
- **Long Life Reliability** – 50,000hr lifetime ensures “install & forget” operation, backed by a 5-year warranty



Applications

- Luxury Retail & Boutique Stores
- Museums & Galleries
- Hospitality & Lifestyle Environments
- Smart Buildings & Connected Spaces
- Retail Shops and Department Stores
- Car Dealership and Showrooms



RoHS

Ordering Logic

Example: XTS-AI-70-120-DS-24D-TH-W (XTS-AI Track Spot Light, 2.75in/70mm, 120V, Dual Sensor, 24 Degree, H-Type Track, White)

Model	Size	Voltage	Sensor Array	Install Type	Beam Angle	Finish
XTS-AI XTS AI	70 70mm	120 120V	DS Dual Sensor	TH H-Type Track	15D 15 Degree	B Black
	80 80mm	240 240V	SS Single Sensor	TJ J-Type Track	24D 24 Degree	W White
			NS No Sensor	TI Int'l 4-Wire 3-Circuit	36D 36 Degree	
				M Monopoint Surface		
				P* Pendant		

*Pendant Types only available in SS/NS Sensor configuration

Technical Specifications

Lighting	
LED	Proprietary RGBW
Base CCT	3000K
CCT Range	2700K - 6500K
CRI	>90
Color Consistency	3 SDCM
LED Rated Life (L70)	50,000 Hours
Lumen @ 3000K	See Table
Beam Angle	15°, 24°, 36°
CBCP	See Table
Electrical	
Input voltage	120V or 240V
Power	15W / 30W
Efficacy	See Table
Dimmability	Via App
Sensor Array	No Sensor / Single (Color) / Dual (Traffic+Color)
Connectivity	Wireless IoT Connectivity (BLE)
Controls	Via Integrated Sensor and App
Frequency	120V: 60Hz 240V: 50Hz
Power Factor	0.92 type.
Inrush current	3A
Audible Noise	<20dB
Mechanical	
Dimensions (H x Ø Dia)	135 x 70mm (5.3 x 2.75in) 160 x 80mm (6.3 x 3.15in)
Net Weight	TBD
Rotation	Horizontal: 360°; Vertical: 90°
Max Ambient Temp	30° C (86° F)
Housing	Aluminum
Finish	Matte White, Matte Black
Installation*	H and J Track, 4-Wire 3-Circuit Track, Monopoint Surface Mount, Pendant
Certification and Warranty	
Regulatory	ETL, FCC, RoHS, CE, UKCA
Warranty	5 Years

*Pendant Types available only in Single and No Sensor configuration

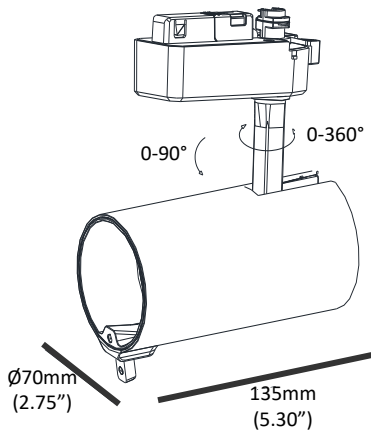
Performance Specifications

Power	Base CCT	Beam	Output (lm)	Efficacy (Lm/W)	CBCP (cd)
15W	3000K	15°	1150	77	8450
		24°	1200	80	7800
		36°	1200	80	3450
30W	3000K	15°	2400	80	18600
		24°	2400	80	16000
		36°	2450	82	7300

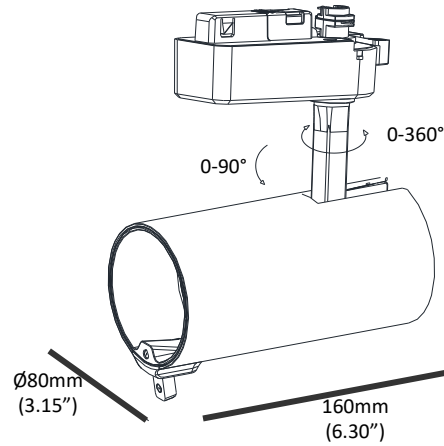
All data shown is nominal. Specifications and data are subject to change without notice.

Mechanical Drawing

North America Track Size

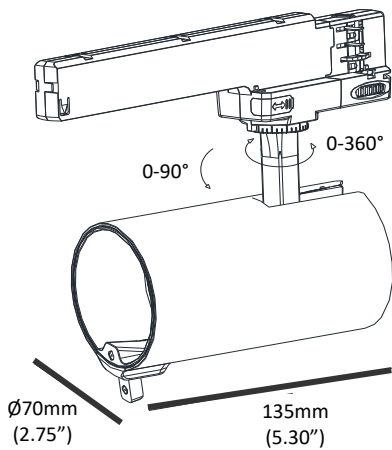


North America 70mm – 15W

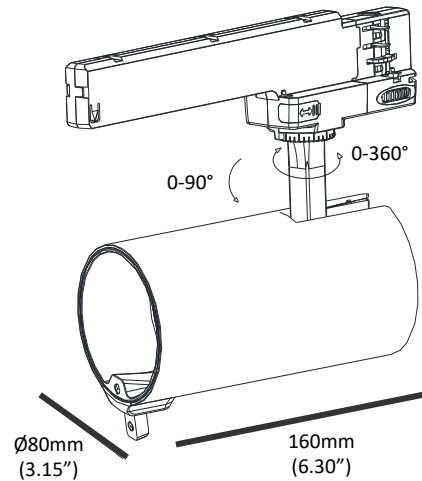


North America 80mm – 30W

International Track Size

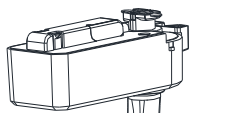


International 70mm – 15W Version

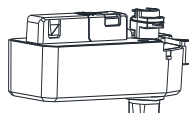


International 80mm – 30W Version

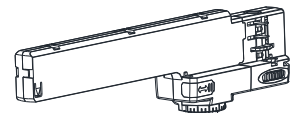
Track Adapter Options



J-Type Track Adapter



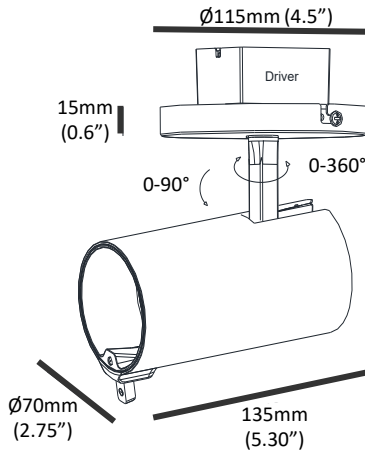
H-Type Track Adapter



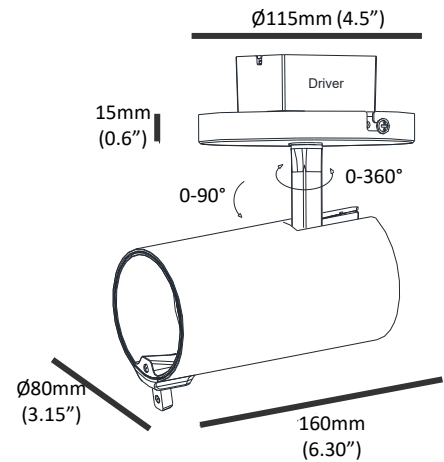
4-Wire 3-Circuit Track Adapter

Mechanical Drawings

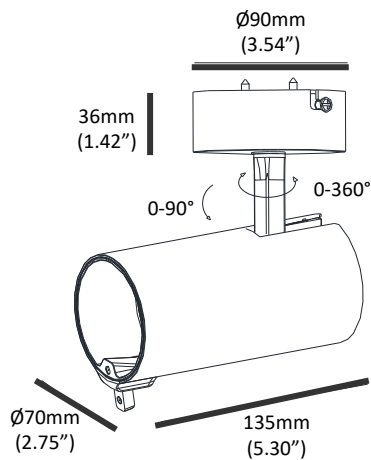
Monopoint Surface Mount Options



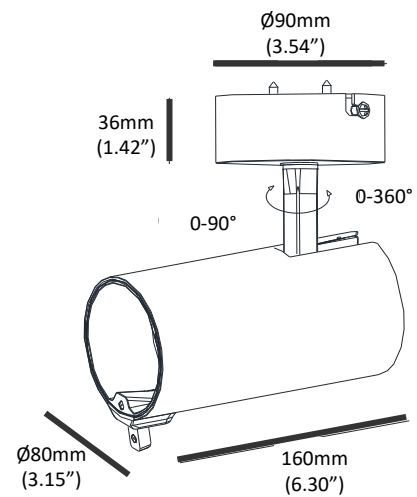
North America 70mm – 15W Version



North America 80mm – 30W Version



International 70mm – 15W Version

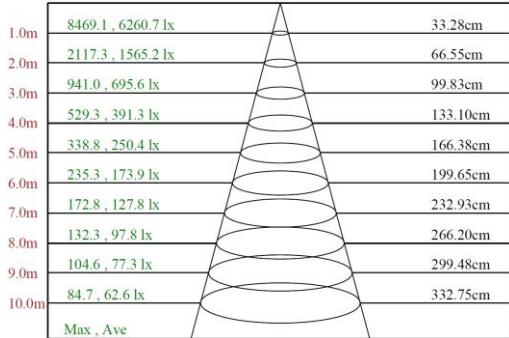


International 80mm – 30W Version

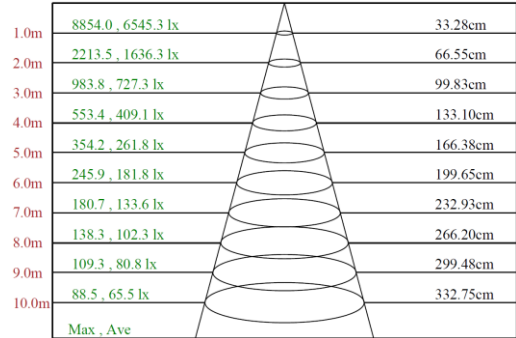
Optical Specifications

Lux Distance Curve

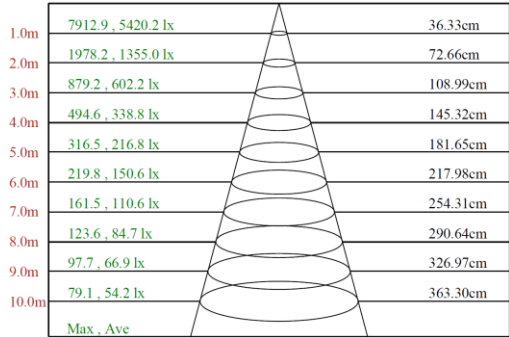
All data based on 3000K CCT



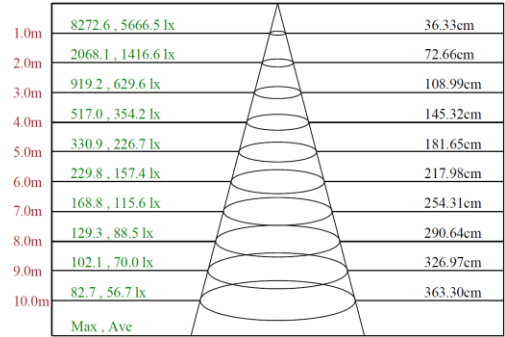
15W - 15°



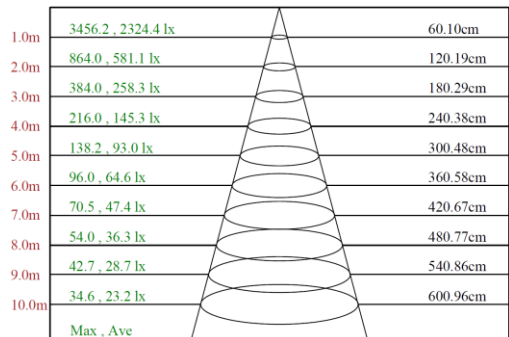
30W - 15°



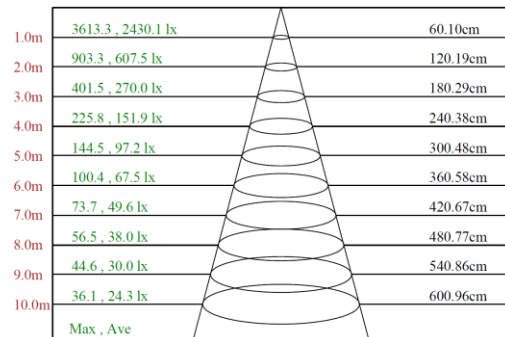
15W - 24°



30W - 24°



15W - 36°



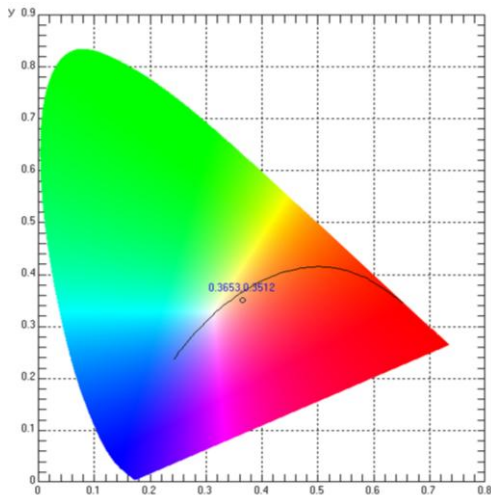
30W - 36°

Optical Specifications

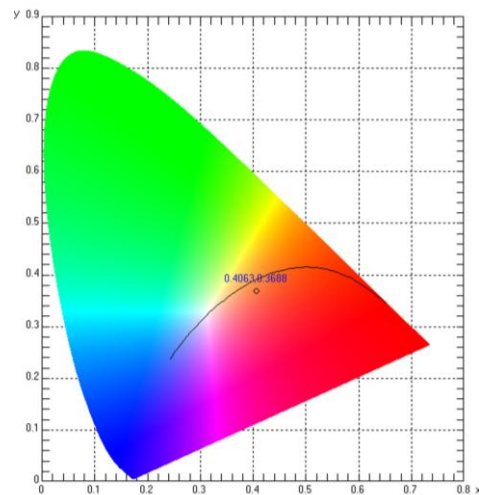
Photometric

All data based on 3000K CCT

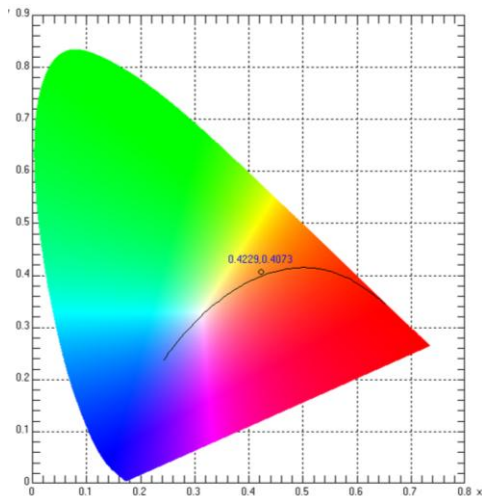
Sample data captured are for references only. The plots show the color coordinates of the light output after automatic adjustments made by AI and integrated sensor when sample display is a certain color.



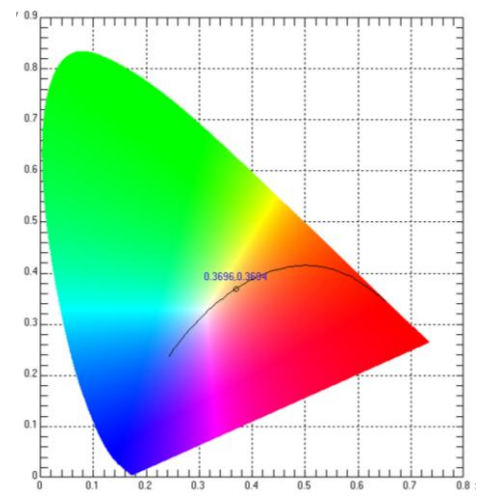
Sample Display Color:
Blue



Sample Display Color:
Red



Sample Display Color:
Yellow



Sample Display Color:
White