

XTS TW

Dynamic | Intelligent | Connected

2.75in &
3.15in
70mm/80mm

PRODUCT SPECIFICATION

IoT Enabled AI-ready Tunable White track fixture that delivers high-quality, ultra-precision, flicker-free illumination

Integrates intelligence at the Edge via its onboard wireless mesh technology, creating the scalable, future-proof digital backbone for any modern commercial environment.

Features/Benefits

- **Perfect White Light** – Proprietary 2700K-6500K Tunable White LED provides right light for any setting, season, or time of day
- **Edge-AI Intelligence** – Fixture as an intelligent node in a robust mesh network all controllable via simple app
- **Future-Proof** – Integrated microprocessor allows for OTA (over-the-air) updates to ensure compatibility as features evolves
- **Superior Beam and Glare Control** – Features precision optics and a 30° shielding angle to virtually eliminate side glare
- **Smart Control Integration** – Wireless commissioning, grouping, and scene control via intuitive app
- **Application Flexibility** – Offered in 4 beams (15°, 24°, 36°, 50°) with flexible aiming (360° rotation, 90° tilt) to achieve precise illumination
- **Multiple Track Types** – Choose from H or J-Type Tracks for North America and 4-Wire / 3-Circuit Track for the International
- **Minimalist Aesthetics** – 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

Superior Illumination for:

- Smart Buildings and Connected Spaces
- Corporate and Office Lighting for Circadian Health
- Schools and Education Facilities
- Hospitality and Restaurants
- Retail and Department Stores
- Medical Clinics and Facilities



IoT Connected



RoHS

Ordering Logic

Example: XTS-TW-70-120-NS-36D-TJ-W (XTS-TW Track Spot Light, 2.75in/70mm, 120V, No Sensor, 36 Degree, J-Type Track, White)

Model	Size	Voltage	Sensor Array	Install Type	Beam Angle	Finish
XTS-TW	70 70mm	120 120V	NS No Sensor	TH H-Type Track	15D 15 Degree	B Black
XTS TW	80 80mm	240 240V		TJ J-Type Track	24D 24 Degree	W White
				TI* International	36D 36 Degree	
				(4-Wire 3-Circuit)	50D 50 Degree	

*TI only for 240V SKUS

Technical Specifications

Lighting	
LED	Proprietary Tunable White
CCT Range	2700K to 6500K
CRI	>90
Color Consistency	3 SDCM
LED Rated Life (L70)	50,000 Hours
Lumen @ 3000K	See Table
Beam Angle	15°, 24°, 36°, 50°
CBCP	See Table
Electrical	
Input voltage	120V or 240V
Power	20W / 30W
Efficacy	See Table
Dimmability	Via App
Sensor Array	No Sensor
Connectivity	Wireless IoT Connectivity (BLE)
Controls	On/Off Via Wall Switch, Extensive Control Via 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
Track Type	120V: H and J-Type Track 240V: International 4 Circuit 3 Wires
Certification and Warranty	
Regulatory	ETL, FCC, RoHS, CE, UKCA
Warranty	5 Years

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

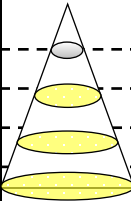
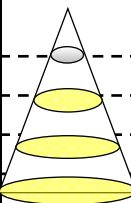
Performance Specification

Power	Base CCT	Beam	Output (lm)	Efficacy (Lm/W)	CBCP (cd)
20W	4000K	15°	1900	95	15500
		24°	1900	95	9700
		36°	1900	95	5600
		50°	1600	80	3200
30W	4000K	15°	2850	95	23000
		24°	2850	95	17000
		36°	2850	95	8700
		50°	2250	75	4300

Optical Specifications

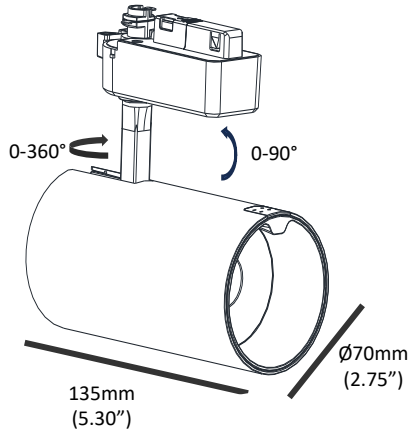
Lux Distance Curve

All data based on 4000K CCT

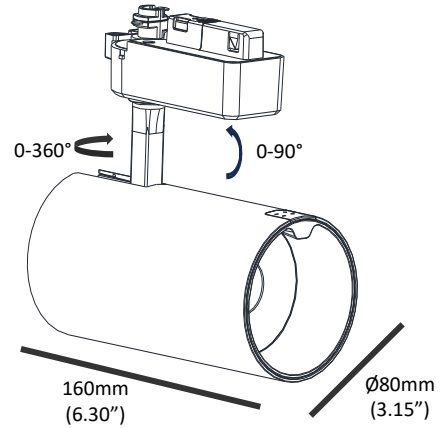
20W		4000K -- 15°		4000K -- 24°		4000K -- 36°		4000K -- 50°	
	Height (m)	Diameter (m)	Lux (lx)	Diameter (m)	Lux (lx)	Diameter (m)	Lux (lx)	Diameter (m)	Lux (lx)
	1	0.32	13000	0.42	7500	0.62	4200	0.78	2200
	2	0.64	3300	0.85	1900	1.24	1100	1.56	550
	3	0.95	1450	1.28	825	1.85	460	2.35	250
	5	1.58	520	2.14	300	3.10	165	3.92	85
30W		4000K -- 15°		4000K -- 24°		4000K -- 36°		4000K -- 50°	
	Height (m)	Diameter (m)	Lux (lx)	Diameter (m)	Lux (lx)	Diameter (m)	Lux (lx)	Diameter (m)	Lux (lx)
	1	0.33	18500	0.39	13000	0.62	6900	0.83	2900
	2	0.66	4600	0.79	3300	1.25	1700	1.66	715
	3	1.00	2100	1.19	1500	1.87	750	2.50	320
	5	1.65	730	1.98	520	3.12	380	4.15	115

Mechanical Drawing

North America Track Sizes

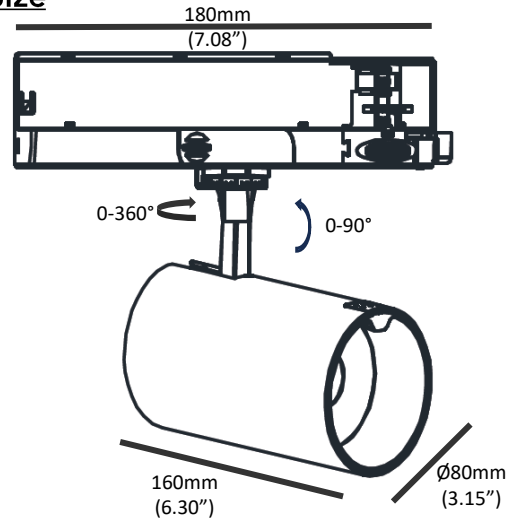
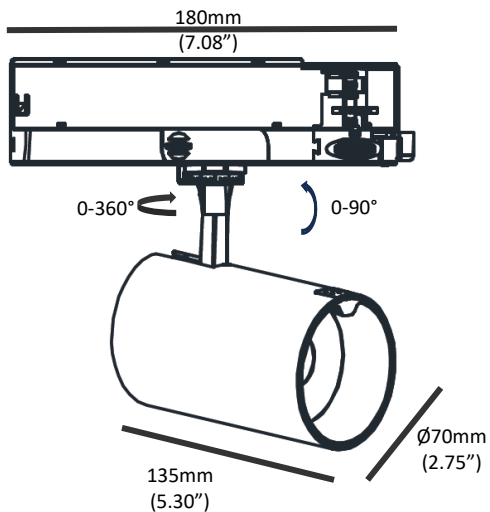


70mm – 20W Version

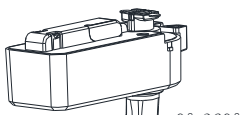


80mm – 30W Version

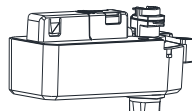
International Track Size



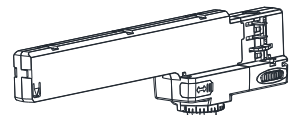
Track Adapter Options



J-Type Track Adapter



H-Type Track Adapter



4-Wire 3-Circuit Track Adapter