

Architectural / Track Lighting

LED Track Light

WHY-SFE Series

A commercial LED track spotlight covering 15W to 50W at 100-120LM/W, featuring OSRAM-quality LEDs, flicker-free output (Pst < 0.002), and UGR < 19 anti-glare performance. Four selectable beam angles (15°, 24°, 36°, 60°), single/three-phase compatibility, wide 100-277VAC input, SDCM < 3 colour consistency, and CRI options to Ra 97 make it suited to premium retail, gallery, and hospitality environments.



KEY FEATURES



Flicker-Free Output (Pst < 0.002)

Flicker index below 0.002 eliminates stroboscopic effects, protecting visual comfort for occupants in prolonged-use retail, gallery, and hospitality environments.



SDCM < 3 Colour Consistency

Tight colour binning within 3 SDCM ensures consistent, matched colour appearance across multiple luminaires with in the same installation.



Four Beam Angle Options

15°, 24°, 36°, and 60° beam angles accommodate narrow accent, standard spot, medium flood, and wide flood distributions from a single product family.



Single & Three-Phase Compatible

Supports both single-phase and three-phase track systems, providing flexibility for residential, commercial, and large-scale retail installations.



UGR < 19 Anti-Glare Performance

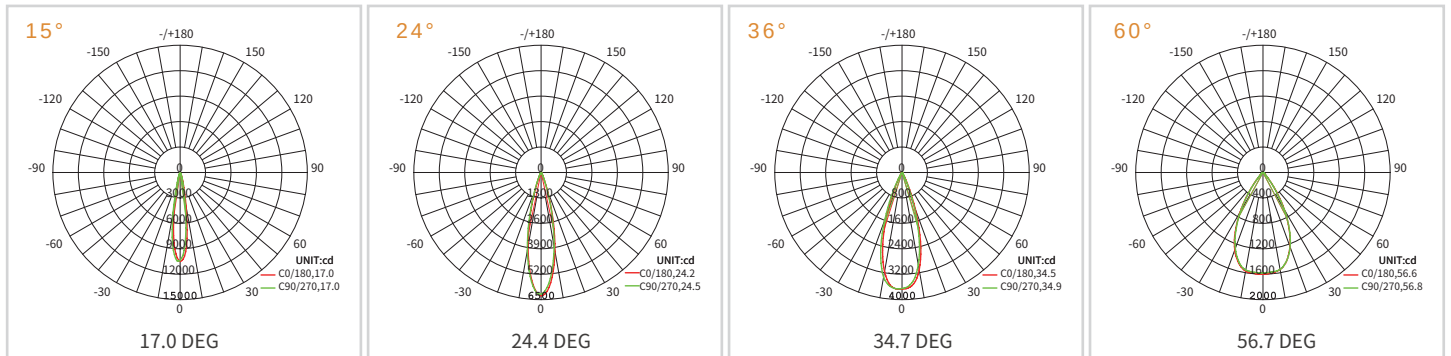
Glare index below 19 delivers soft, controlled illumination without visual discomfort, suitable for merchandise display and extended-occupancy spaces.



Wide Voltage Range (100-277 VAC)

Universal voltage compatibility across 100-277VAC enables deployment across diverse international power standards without additional hardware.

BEAM DISTRIBUTION



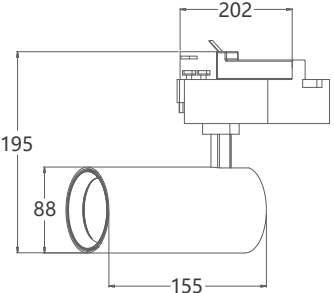
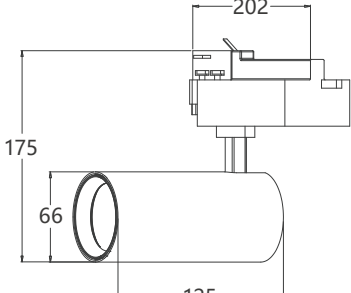
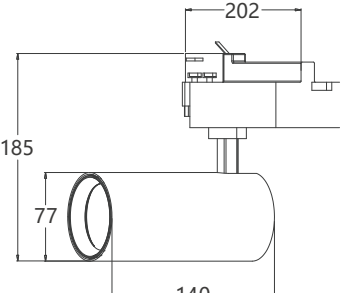
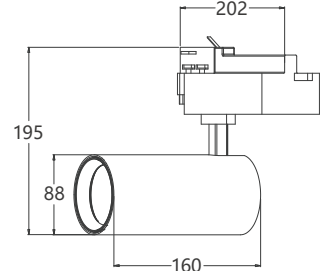
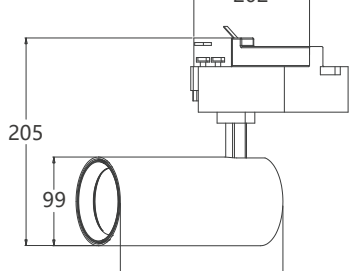
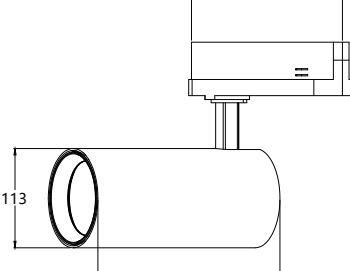
MODEL VARIANTS

Mode	Wattage	Luminous Efficacy	Size
WHY-SFE-15W	15W	100-120lm/W	155*195*202mm
WHY-SFE-20W	20W	100-120lm/W	125*175*202mm
WHY-SFE-20W	20W	100-120lm/W	140*185*202mm
WHY-SFE-36W	36W	100-120lm/W	160*195*202mm
WHY-SFE-42W	42W	100-120lm/W	160*205*202mm
WHY-SFE-50W	50W	100-120lm/W	165*113*170mm

TECHNICAL SPECIFICATIONS

CCT	3000K/4000K/5000K
CRI	Ra:80, Ra:90, Ra:97
PF	>0.9
Input Voltage	200-240VAC/100-277VAC
Housing Color	white/black/customed
Anti-glare	UGR<19
SDCM	<3
Flicker Free	0.002
Lifespan	50,000 hours
Warranty	5years

DIMENSION (MM)

		
<p>WHY-SFE-15W</p>	<p>WHY-SFE-20W</p>	<p>WHY-SFE-32W</p>
		
<p>WHY-SFE-36W</p>	<p>WHY-SFE-42W</p>	<p>WHY-SFE-50W</p>

APPLICATION PLACES

- Cosmetics store
- Gallery
- Museum
- Cafe
- Office building
- Hotel
- Living room
- Automobile 4S showroom
- Optical shop