

PROJECT:

TYPE:

DATE:

PRODUCT CODE:

# ESSENCE TRACK

ARCHITECTURAL TRACK HEAD

# ESS-345-CCT



### Description:

#### Applications

This versatile LED track light is ideal for accentuating displays and creating focused illumination in retail, galleries, museums, hospitality, supermarkets, and commercial spaces, offering adjustable positioning and a range of color temperatures to suit any environment.

#### Features

- Compact LED track light providing optimal lumen output
- Precise aiming for accent, task, or general illumination
- Seamlessly integrates into any design
- Track heads adjustability: 360° horizontal/ 180° vertical
- Compatible with 1-circuit and 2-circuit tracks
- Friction-based locking system for secure adjustments
- Allows precise positioning of the light as needed
- Available in a range of color temperatures, from cool to warm tones

#### Wattage:

Nominal Lumens	Delivered Lumens	Wattage
2500	2613	36.9W

Based on 3000K, 90+ CRI. Actual wattage may vary +/-5%

### Specifications:

<b>Lumens</b>	2500L
<b>CCT</b>	27K/30K/35K/40K/50K
<b>CRI</b>	90+
<b>Color Quality</b>	2 Step Mac Adam Ellipse
<b>Optics</b>	MD (Medium Distribution 38°)
<b>Finish</b>	White, Black, Custom Color (RAL)
<b>Aiming</b>	360° (horizontal), 180° (vertically)
<b>Dimming</b>	Flicker Free 10% Dimming TRIAC forward-phase or leading-edge 120V.
<b>Lifetime</b>	L70 at 50,000 Hours
<b>Photometrics</b>	In Accordance with IES LM79-08, LM-08 and TM-30, TM-21

#### Certifications & Features



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# ESS-345-CCT

PART NUMBER: ESS-345-CCT-2500L-27K/30K/35K/40K/50K-90-38D-DIMTR-120V-WH

Series	Lumens	CCT	CRI	Optics	Drivers	Voltage	Finish
ESS-345-CCT	2500L	27K/30K/35K/40K/50K	90+	38D (38°)	DIMTR	120V	WH (White) BK (Black) CC (RAL)

### Optics

A polycarbonate optical refractor ensures accurate beam control and uniform light distribution, available in various lumen options.

### Construction

Each track head features Advanced Thermodynamic Design, with a body made of extruded aluminum and a custom die-cast concealed heat sink. This thermal management system is specifically engineered for extended lifespan and durability.

### Finish

Available in white, black and custom RAL Color finishes.

### Accessories

Track heads can support 1 to 3 accessories. Please contact the factory for standard or custom options.

### Optics

A polycarbonate optical refractor ensures accurate beam control and uniform light distribution, available in various lumen options.

### Construction

Each track head features CoolLED Advanced Thermodynamic Design, with a body made of extruded aluminum and a custom die-cast concealed heat sink. This thermal management system is specifically engineered for extended lifespan and durability.

### Finish

Available in white, black and custom RAL Color finishes.

### Accessories

Track heads can support 1 to 3 accessories. Please contact the factory for standard or custom options.

### Track Compatibility

Track heads are standard and compatible with Mono-point, 1-Circuit, and 2-Circuit type H tracks. Type J (Juno) adapter option available upon request.

Please consult the factory for compatibility with 2-Circuit, 2-Neutral 120V Track, 2-Circuit, 2-Neutral 277V Track, 3-Circuit 1-Neutral Track, and DALI System Track.

### Dimming and Driver

#### DIMTR

Electronic constant current LED driver compatible with TRIAC forward-phase (leading-edge) dimming, available in 120V. Standard dimming down to 1%. The LED driver operates at 50 to 60Hz with a 120V input, maintains less than 20% THD, and achieves a power factor between 90% and 100%. It is thermally protected for enhanced safety. Please consult the factory for 277V or 0-10V dimming options.

