

PROJECT:

TYPE:

DATE:

PRODUCT CODE:

ESSENCE TRACK

ARCHITECTURAL TRACK HEAD

ESS-332



Description:

Applications

This fixture is an excellent solution for environments that require focused and flexible lighting. It is especially well-suited for retail merchandising, galleries, museums, supermarkets, hospitality venues, and commercial spaces, where high-quality illumination enhances visual impact.

Features

- Small profile LED track light with optimal lumen output
- Designed for precise aiming—ideal for accent, task, or general illumination
- Seamlessly integrates into any design aesthetic
- Track heads adjustable up to:
 - 360° horizontally
 - 180° vertically
- Compatible with both 1-circuit and 2-circuit track systems
- Friction-based locking movement system allows for precise, re-adjustable positioning
- Available in a wide range of color temperatures to highlight cool to warm tones

Wattage:

Nominal Lumens	Delivered Lumens	Wattage
1000	947	12.2W

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

Specifications:

Lumens	1000
CCT	30K
CRI	90+
Color Quality	2 Step Mac Adam Ellipse
Optics	WD (Wide Distribution 60°)
Finish	White, Black, Custom Color (RAL)
Aiming	360° (horizontal), 180° (vertically)
Dimming	Flicker Free 10% Dimming TRIAC forward-phase or leading-edge 120V.
Lifetime	L70 at 50,000 Hours
Photometrics	In Accordance with IES LM79-08, LM-08 and TM-30, TM-21

Certifications & Features



PART NUMBER: **ESS-332-1000L-30K-90-60D-DIMTR-120V-WH**

Series	Lumens	CCT	CRI	Optics	Drivers	Voltage	Finish
ESS-332	1000L	30K	90+	60D (60°)	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 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.

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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.

Warranty

Five-year warranty for parts and components. (Labor not included)

