

Essentia® Series Track Gen II

LED Large Flat Back Cylinder Track Head

Rev. Date: V5 04/23/2026

Product Description

The Essentia® Series LED Large Flat Back Cylinder Track Heads, available in Soft White 27K and Neutral White 40K, are an excellent choice for applications requiring high-output LED performance for commercial indoor applications like retail, restaurant and hospitality. Available in black polyester powder-coat finish, these track heads deliver 2750 lumens of beautiful light at 80 CRI and interchangeable beam spreads of 20° or 38°. Compatible with 1-or 2-circuit track from Essentia Series Track, Juno "T" and TU Series track systems. These track heads are durable too, made with die-cast aluminum housing and backed with a 3-year limited warranty and an estimated 50,000 hours of maintenance-free operation; an excellent choice for your next track project.

Applications: High-output LED track ideal for commercial indoor applications like retail, restaurant and hospitality.

Performance Summary

Initial Delivered Lumens: 2750 lumens

Input Power: 28 watts (250W PAR38 equivalent)

CRI: >80

CCT: Soft White (2700K) & Neutral White (4000K)

Limited Warranty*: 3 years

Dimming: Dims to 10% using compatible triac dimmers

Lifetime: Designed to last 50,000 hours

Weight: 2.1 lbs (.95kg)

* See <https://www.creelighting.com/resources/warranties/> for warranty terms.



7-1/4"H x 6"W x 4-1/4"D

Ordering Information

Example: S-CT-FB-B-27L-40K-BK

S-CT	FB	B	27L		BK
Product	Shape	Series	Lumens*	CCT	Housing Color
S-CT Essentia Series Track	FB Flat Back	B Generation	27L 2750 Lumens 28W	27K 2700K 40K 4000K	BK Black

* Actual production yield may vary between -10 and +10% of initial delivered lumens.



Intertek

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CREE ⇄ **LIGHTING**®

Essentia® Series LED Large Flat Back Cylinder Track Head Gen II

Product Specifications

CONSTRUCTION & MATERIALS

- Die-cast aluminum housing for driver and optics
- Black polyester powder-coat finish
- Polycarbonate adapter with copper conductor
- Pivot mount allows rotations up to 350° horizontally and 0-90° vertically in both directions for maximum aiming adjustability
- Supplied with 20° clear spot lens and 38° frosted wide lens for easy beam angle changeability
- Compatible with Essentia Series "CT" track systems, and Juno® (not affiliated with Cree Lighting) "T" and "TU" Series track systems only

ELECTRICAL SYSTEM

- Integral On/Off switch
- **Input Power:** 28W (250W PAR38 equivalent)
- **Input Voltage:** 120V, 60Hz
- **Power Factor:** >0.9
- **Total Harmonic Distortion:** >20%
- **Operating Temperature Range:** -20°C - +35°C (-4°F - +95°F)

CONTROLS

- **Dimming:** Dims to 10% using compatible triac dimmers
- **Recommended Dimmers:**


Lutron	Leviton	Cooper
- SLV-600X	- 6602-x	- 9530xxx
- S2-LX	- 6681-x	
- GL-600H	- 6683-x	Lightolier
- NFTU-SA	- 6684-x	- MP600X
- DVLV-600P	- 700-x	
	- 705-x	
	- 6633	Phillips
	- 6674	- SR150LED120
	- IPI06-1LZ	

- **Recommended Trailing Edge Dimmers:**

Lutron	Leviton	Phillips
- NTEL-600-XX	- IPE04-ILZ	- sr400rpc120
- SELV-303P	- VZE06-1LX	
- MAELV-600-XX	- 6615-POT	
- DVELV-300P-XX		
- SEIV-300P-XX		

Note: The presence of a dimmer on this chart is not a guarantee or warranty of the compatibility of the fixture in any particular installation. The absence of a dimmer from this chart does not necessarily imply incompatibility

REGULATORY & VOLUNTARY QUALIFICATIONS

- cETLus Listed
- Suitable for dry locations
- Designed for indoor use only
-  **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Delivered Lumens & Electrical Data*		
Initial Delivered Lumens	System Watts	120V
2750	28W	2.33A

* Data provided at 25°C (77°F). Actual wattage may differ by +/- 10% when operating at 120 +/- 10%.