

PROJECT _____ TYPE _____

SPECIFIER _____ MEMO _____

ORDERING CODE BREAKDOWN _____

LCM LUCIE

SCATTO 48V TRACK SYSTEM 3" ANGLE CUT SNOOT TRACKHEAD



MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 2300 lumens at 24W
- Custom integrated driver meets IEEE 1789-2015 Low Risk flicker category across dimming range
- Custom TIR optic platform to ensure smooth beams and excellent light control with no need for a solite lens
- 48V low voltage locking adapter trackhead designed for use with Solais® Scatto™ track systems
- Angle cut snoot for a controlled, low-glare, elongated beam of light



FIXTURE	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	MOUNTING
LCM : Medium Lucie	3 : 48V, 1% 0-10V dimming	WW : Wide Wall Wash	9 : 95 CRI	22 ² : 2200K	2000 : 19W	PW : Perfect White	SC1 : 1.5" stem
			H ¹ : 98+ CRI	25 ² : 2500K	2300 : 24W	BK : Black	
				27 : 2700K		SV : Silver	
				30 : 3000K		BA : Brushed Aluminum	
				35 : 3500K		BG : Brushed Gold	
				40 : 4000K		GD : Gold	
				50 : 5000K		BZ : Bronze	
						CR : Chrome	
						RC : Rose Gold Chrome	
						BC : Black Chrome	
			GC : Gold Chrome				

Notes: ¹98+ CRI produces less measured lumens. See photometric data.
²2200K, 2500K are only available with '9' and are 90+ CRI
 Consult factory for stem custom orders; only available with Gaia and Gaia+ adapters.

PROJECT	TYPE

MOUNTING + ELECTRICAL + CONTROLS

- 48V: <1% 0-10V dimming
- Wiring cables for power feeds must be 5mm minimum
- Custom stem lengths available; consult factory

RATINGS + CERTIFICATIONS

- IP20 and IK08 rated
- DLC listings (*family code: IIIONW*)
- 120V: UL Listed for dry location (*E487826*), CEC Title 24, JA8 + JA10 compliant
- 277V: UL listing for dry location (*E487826*)
- Intended for normal ambient temperature applications. Consult factory for elevated temperatures or humidity (e.g. steam, hot yoga, etc.)

OPTICS + PERFORMANCE

- Wide Wall Wash : $H = 80^\circ$, $F = 110^\circ$; $V = 50^\circ$, $F = 80^\circ$
- 2 performance packages
 - 19W; 2000 lumens
 - 24W; 2300 lumens
- Color Temperatures
 - 95 CRI: 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K
 - 98+ CRI: 2700K, 3000K, 3500K, 4000K, 5000K
- Fixture life:
 - Full power: 50,000 hours
 - 75% power: 100,000 hours
 - Below 50% power: 125,000 hours
- LED 90% lumen maintenance (LM_{90}): 60,000 hours

CONSTRUCTION + FINISH

- Weight: 13.4 oz.
- Die-cast aluminum alloy housing for optimal thermal performance
- Finishes:
 - Available in painted, polished, and brushed aluminum; consult factory for custom finishes
 - White: RAL 9003
 - Black: RAL 9005
 - Silver: RAL 7001
- Solais Signature Series finishes also available

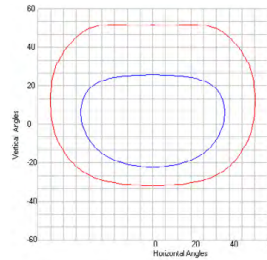
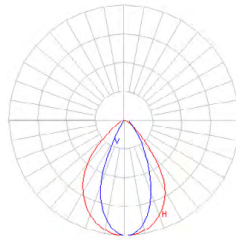
WARRANTY

- 5-year warranty

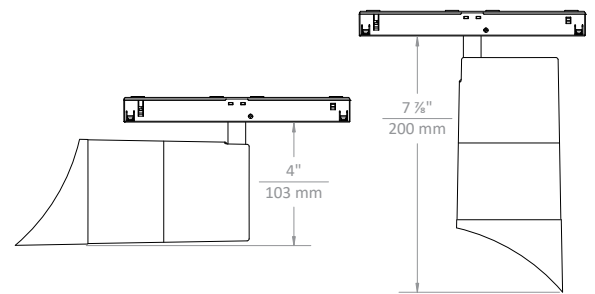
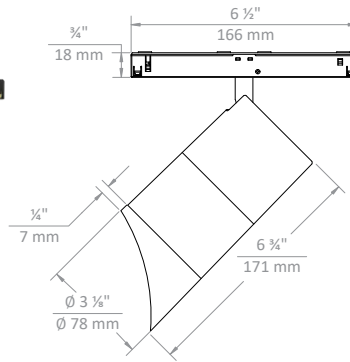
BEAM SPREAD DETAIL

Wide Wall Wash (WW)

- Horizontal = 80° , $F = 110^\circ$
- Vertical = 50° , $F = 80^\circ$



DIMENSIONAL DETAILS

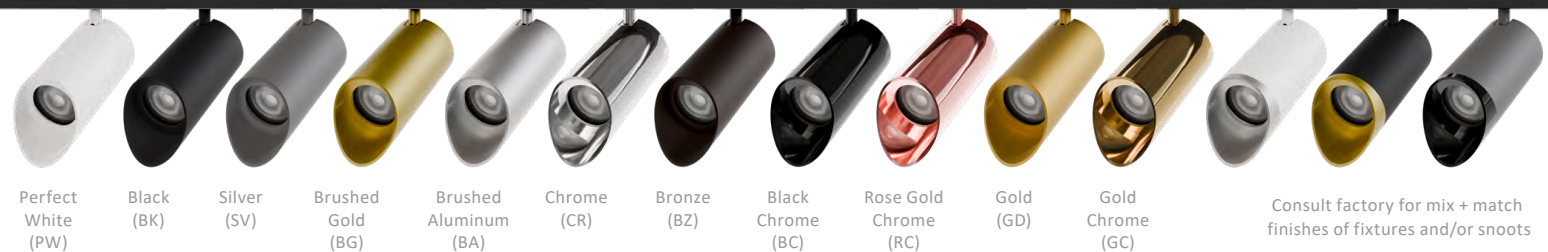


FINISHES Shown with snoots and hex louvers.

Standard Finishes

Signature Series Finishes

Mix + Match



Perfect White (PW)

Black (BK)

Silver (SV)

Brushed Gold (BG)

Brushed Aluminum (BA)

Chrome (CR)

Bronze (BZ)

Black Chrome (BC)

Rose Gold Chrome (RC)

Gold (GD)

Gold Chrome (GC)

Consult factory for mix + match finishes of fixtures and/or snoots

PROJECT _____ TYPE _____

PHOTOMETRIC DETAILS | Baseline data shown below for 24W, 2300 lumens, 90+ CRI , 3000K
30° tilt angle, 10 FT mounting height

SINGLE FIXTURE

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT
1 FT	32 fc	29 fc	20 fc	12 fc	5 fc	2 fc
2 FT	40 fc	36 fc	25 fc	14 fc	6 fc	3 fc
3 FT	47 fc	43 fc	30 fc	19 fc	9 fc	4 fc
4 FT	39 fc	36 fc	28 fc	19 fc	10 fc	5 fc
5 FT	29 fc	27 fc	22 fc	16 fc	9 fc	5 fc
6 FT	19 fc	18 fc	15 fc	12 fc	8 fc	5 fc
7 FT	13 fc	12 fc	11 fc	9 fc	6 fc	4 fc
8 FT	9 fc	9 fc	8 fc	7 fc	5 fc	3 fc
9 FT	6 fc	6 fc	6 fc	5 fc	4 fc	3 fc

MULTIPLE FIXTURES

← 4 FT ON CENTER →

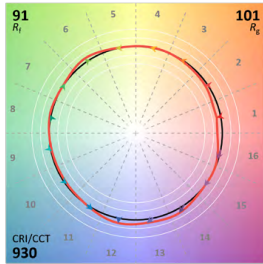
1 FT	46 fc	45 fc	45 fc
2 FT	57 fc	56 fc	56 fc
3 FT	69 fc	68 fc	68 fc
4 FT	62 fc	61 fc	61 fc
5 FT	50 fc	49 fc	49 fc
6 FT	37 fc	36 fc	36 fc
7 FT	28 fc	27 fc	26 fc
8 FT	21 fc	21 fc	20 fc
9 FT	17 fc	16 fc	15 fc

← 6 FT ON CENTER →

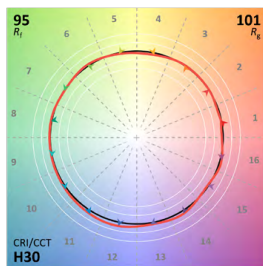
1 FT	37 fc	25 fc	36 fc
2 FT	45 fc	32 fc	44 fc
3 FT	53 fc	40 fc	51 fc
4 FT	46 fc	37 fc	45 fc
5 FT	36 fc	31 fc	35 fc
6 FT	25 fc	24 fc	25 fc
7 FT	19 fc	19 fc	19 fc
8 FT	14 fc	14 fc	14 fc
9 FT	11 fc	12 fc	11 fc

TM30 COLOR REPORTS

- 3000K with 95 CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



- 3000K with 98+ CRI
- $R_A = 98$; $R_g = 96$
- $R_f = 95$; $R_g = 101$



DLC DETAILS

LCM	VNSP	NFL	MFL	FL	WFL
2000 lumens	n/a				
2300 lumens	n/a				

CRI-CCT MULTIPLIERS

CCT	95 CRI	98+ CRI	MonoWhite
2200K	0.80	0.71	--
2500K	0.85	0.76	--
2700K	0.92	0.73	--
3000K	1.00	0.75	0.86
3500K	1.04	0.79	0.88
4000K	1.05	0.80	--
5000K	1.06	0.81	--

OUTPUT MULTIPLIER

Package	Multiplier
2000 lumens; 19W	0.83