

LCM LUCIE

SCATTO 48V TRACK SYSTEM LUCIE MEDIUM 3" 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
- Accommodates up to two accessories in addition to snoot
- 48V low voltage locking adapter trackhead designed for use with Solais® Scatto™ track systems



FIXTURE	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	MOUNTING	FIXTURE OPTIONS
LCM	3 : 48V, 1% 0-10V dimming	NSP : 15°	9 : 95 CRI	22 ³ : 2200K	2000 : 19W	PW : Perfect White	SC1 : 1" stem	LS : Linear Spread Lens
		NFL : 24°	H ¹ : 98+ CRI	25 ³ : 2500K	2300 : 24W	BK : Black	SC2 : 2.5" stem	HL ⁴ : Honeycomb Louver
		MFL : 30°	M ² : Monowhite	27 : 2700K		SV : Silver		SS : Solite Spread Lens
		FL : 40°		30 : 3000K		BA : Brushed Aluminum		SN ⁴ : Snoot
		WFL : 52°		35 : 3500K		BG : Brushed Gold		ASN : Angle Cut Snoot
				40 : 4000K		GD : Gold		
				50 : 5000K		BZ : Bronze		SNxx : Mix + Match Snoot
						CR : Chrome		AS : Frosted Acrylic Snoot
						RC : Rose Gold Chrome		
						BC : Black Chrome		
						GC : Gold Chrome		

Notes: ¹98+ CRI produces less measured lumens. See photometric data.

²MonoWhite produces less measured lumens; see photometric data. CRI specification unavailable.

³2200K, 2500K are only available with '9' and are 90+ CRI

⁴HL recommended only with NSP or NFL; SN recommended only with NSP, NFL, MFL or FL
Consult factory for stem custom orders; only available with Gaia and Gaia+ adapters.



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MOUNTING + ELECTRICAL + CONTROLS

- 48V: <1% 0-10V dimming
- Wiring cables for power feeds must be 5mm minimum
- SC1: 1" stem length;
Compatible with SCST, SCRF, SCRT, SCSM, SCSH, SCCR and upper emission of SCUD Scatto tracks
- SC2: 2.5" stem length;
Compatible with all Scatto tracks but required for SCTM, SCLT, SCLH, and lower emission of SCUD
- Custom stem lengths available; consult factory

RATINGS + CERTIFICATIONS

- IP20 and IK08 rated
- DLC listings (*family code: IIIIONW*)
- 120V: UL Listed for dry location (*E487826*),
CEC Title 24, JA8 + JA10 compliant
- 277V: UL listing for dry location (*E487826*)

OPTICS + PERFORMANCE

- 5 custom beam spreads available
 - Narrow Spot - 15°
 - Narrow Flood - 24°
 - Medium Flood - 30°
 - Flood - 40°
 - Wide Flood - 52°
- 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
 - MonoWhite: 3000K or 3500K
- *Solais' exclusive color enhancing technology intensifies contrast, brightens whites and pops colors by bridging the cyan color gap with higher gamut color rendering*
- Fixture life:
 - Full power: 50,000 hours
 - 75% power: 100,000 hours
 - Below 50% power: 125,000 hours
- LED 90% lumen maintenance (LM₉₀): 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

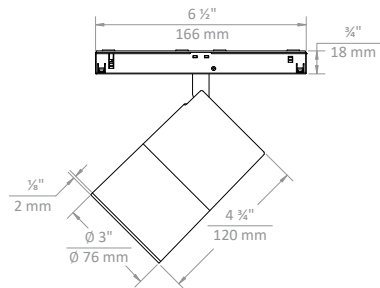
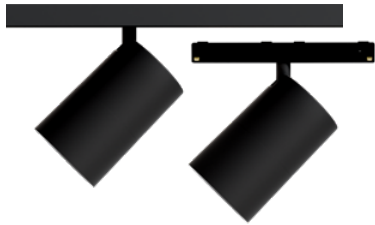
WARRANTY

- 5-year warranty

DIMENSIONAL DETAILS

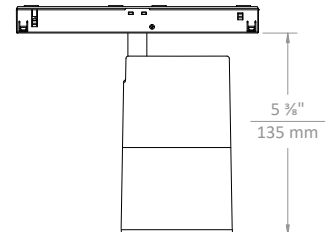
45°

- Standard

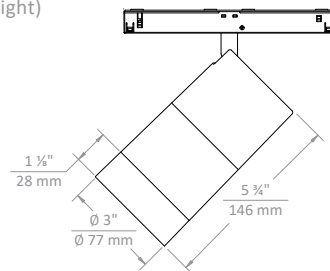


0°

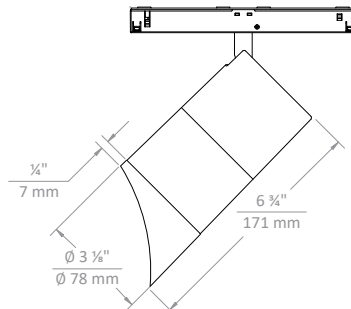
- Standard (left), SN- Snoot (right)



- SN - Matching Snoot (left), AS - Acrylic Snoot (right)

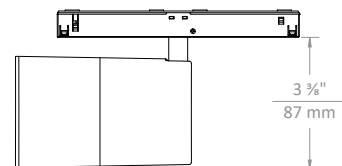


- ASN - Angle Cut Snoot



90°

- Standard (left), SN- Snoot (right)



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FINISHES Shown with snoots and hex louvers.

Standard Finishes



Perfect White (PW)

Black (BK)

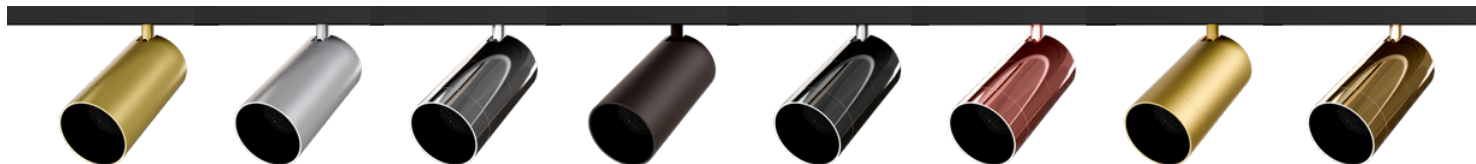
Silver (SV)

Mix + Match



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

Signature Series Finishes



Brushed Gold
(BG)

Brushed Aluminum
(BA)

Chrome
(CR)

Bronze
(BZ)

Black Chrome
(BC)

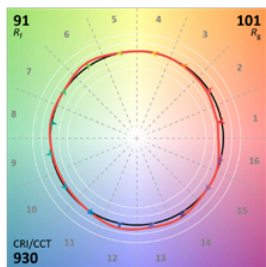
Rose Gold Chrome
(RC)

Gold
(GD)

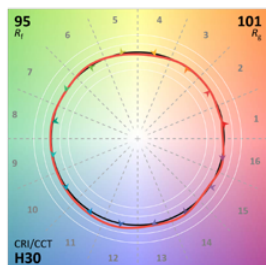
Gold Chrome
(GC)

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	DLC	DLC	DLC	DLC
2300 lumens	n/a	DLC	DLC	DLC	DLC

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; 19 W	0.83

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PHOTOMETRIC DETAILS | baseline X output multiplier X cri-cct multiplier = final output

Baseline data shown below for LCM/1/_/_/930/2300/_/_/_ — 24W, 2300 lumens, 3000K, 95 CRI

NSP - 15° Narrow Spot

- Input Power: 24.2 W
- Lumens: 1831 lm
- Efficacy: 76 lm/W
- CBCP: 19784
- Beam Angle: 15.6°
- Field Angle: 29.4°
- Spacing Criteria: 0.27

∠	0°	45°	90°
0°	19736	19736	19736
5°	14865	13901	13797
10°	6393	5713	5675
15°	1780	1528	1598
20°	447	402	449
25°	151	138	160
30°	74	68	74
35°	43	41	42
40°	26	24	25
45°	14	13	13

NFL - 24° Narrow Flood

- Input Power: 24.0 W
- Lumens: 2481 lm
- Efficacy: 103 lm/W
- CBCP: 7155
- Beam Angle: 24.4°
- Field Angle: 54.4°
- Spacing Criteria: 0.43

∠	0°	45°	90°
0°	7154	7154	7154
5°	6326	6392	6523
10°	4352	4398	4608
15°	2671	2654	2818
20°	1570	1548	1680
25°	897	898	994
30°	441	434	501
35°	197	189	223
40°	91	90	104
45°	40	39	45

MFL - 30° Medium Flood

- Input Power: 24.4 W
- Lumens: 2346 lm
- Efficacy: 96 lm/W
- CBCP: 6562
- Beam Angle: 29.6°
- Field Angle: 56.7°
- Spacing Criteria: 0.53

∠	0°	45°	90°
0°	6518	6518	6518
5°	6256	6108	6047
10°	5143	4915	4803
15°	3531	3299	3207
20°	2079	1942	1885
25°	1096	1029	1005
30°	585	542	531
35°	315	292	283
40°	165	151	146
45°	79	72	69

FL - 40° Flood

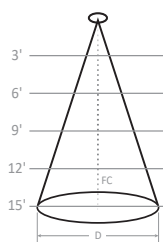
- Input Power: 24.4 W
- Lumens: 2326 lm
- Efficacy: 95 lm/W
- CBCP: 3955
- Beam Angle: 40.4°
- Field Angle: 71.9°
- Spacing Criteria: 0.73

∠	0°	45°	90°
0°	3950	3950	3950
5°	3858	3839	3835
10°	3541	3483	3483
15°	2918	2824	2822
20°	2120	2018	2018
25°	1369	1287	1291
30°	826	764	770
35°	468	427	429
40°	254	231	232
45°	135	123	123

WFL - 52° Wide Flood

- Input Power: 24.4 W
- Lumens: 2381 lm
- Efficacy: 98 lm/W
- CBCP: 2540
- Beam Angle: 51.6°
- Field Angle: 93.5°
- Spacing Criteria: 0.97

∠	0°	45°	90°
0°	2523	2523	2523
5°	2481	2474	2469
10°	2355	2336	2333
15°	2142	2104	2092
20°	1804	1761	1753
25°	1411	1362	1347
30°	1021	969	949
35°	691	663	650
40°	463	450	444
45°	311	302	302



0.82' D; 1535 FC
1.64' D; 384 FC
2.46' D; 171 FC
3.28' D; 96 FC
4.10' D; 61 FC

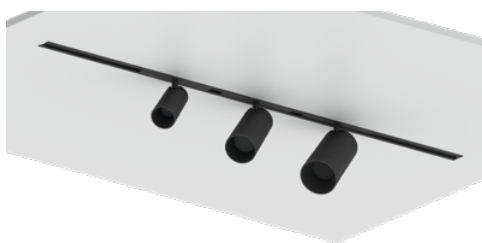
1.30' D; 556 FC
2.59' D; 139 FC
3.89' D; 62 FC
5.19' D; 35 FC
6.49' D; 22 FC

1.58' D; 507 FC
3.16' D; 127 FC
4.75' D; 56 FC
6.33' D; 32 FC
7.91' D; 20 FC

2.20' D; 307 FC
4.41' D; 77 FC
6.61' D; 34 FC
8.82' D; 19 FC
11.02' D; 12 FC

2.90' D; 196 FC
5.79' D; 49 FC
8.69' D; 22 FC
11.59' D; 12 FC
14.49' D; 8 FC

Snooted LCN, LCS and LCM in
Scatto SCRT/SCTM/SCLT/SCSM



LCN, LCS and LCM in Scatto SCLH



LCN, LCS and LCM in Scatto SCST

