

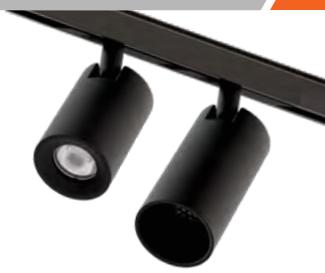
PROJECT _____ TYPE _____

SPECIFIER _____ MEMO _____

ORDERING CODE BREAKDOWN

LCN LUCIE

SCATTO 48V TRACK SYSTEM
LUCIE NANO 2" TRACKHEAD



MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 700 lumens at 8W
- 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	OPTIONS
LCN : Nano Lucie	3 : 48V, 1% 0-10V dimming	NSP : 13°	9 : 95 CRI	22 ² : 2200K	400 ⁴ : 5W	PW : Perfect White	SC1 : 1" stem	LS : Linear Spread Lens
		NFL : 22°	H ¹ : 98+ CRI	25 ² : 2500K	700 : 8W	BK : Black	SC2 : 2.5" stem	HL ⁵ : Honeycomb Louver
		FL : 36°	D ³ : Dim-to-Warm	27 : 2700K		SV : Silver		SS : Solite Spread Lens
		WFL : 63°		30 : 3000K 35 : 3500K 40 : 4000K 50 : 5000K		BA : Brushed Aluminum BG : Brushed Gold GD : Gold BZ : Bronze CR : Chrome RC : Rose Gold Chrome BC : Black Chrome GC : Gold Chrome		SN ⁵ : Snoot SNxx : Mix + Match Snoot

Notes: ¹98+ CRI produces less measured lumens. See photometric data.
²2200K, 2500K are only available with '9' and are 90+ CRI
³Dim to Warm is 98+ CRI, 1000 lumens only. Unavailable with NSP.
⁴400 lumen, 5W is a special order item
⁵HL recommended only with NSP or NFL; SN recommended only with NSP, NFL or FL
 Consult factory for stem custom orders; only available with Gaia and Gaia+ adapters

PROJECT	TYPE

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SCATTO 48V TRACK SYSTEM LUCIE NANO 2" TRACKHEAD

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: IIIONW)
- 120V: UL Listed for dry location (E487826), CEC Title 24, JA8 + JA10 compliant
- 277V: UL listing for dry location (E487826)

OPTICS + PERFORMANCE

- 4 custom beam spreads available
 - Narrow Spot - 13°
 - Narrow Flood - 22°
 - Flood - 36°
 - Wide Flood - 63°
- 2 performance packages
 - 5W; 400 lumens (Special Order)
 - 8W; 700 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 (LM₉₀): 60,000 hours

CONSTRUCTION + FINISH

- Weight: 7.2 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

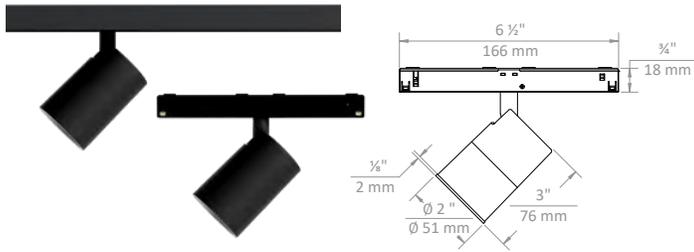
WARRANTY

- 5-year warranty

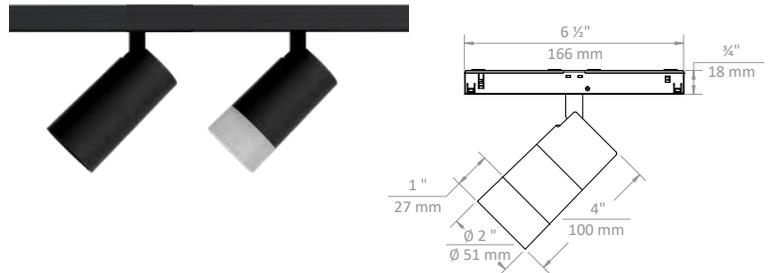
DIMENSIONAL DETAILS

45°

- Standard



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



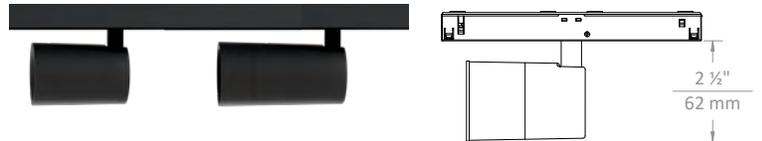
0°

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



90°

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



LCN LUCIE

SCATTO 48V TRACK SYSTEM LUCIE NANO 2" TRACKHEAD

FINISHES Shown with snoots and hex louvers.

Standard Finishes

Mix + Match



Perfect White (PW)

Black (BK)

Silver (SV)

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)

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

Baseline data shown below for LCN/1/_/_/930/700/_/_/_ — 8W, 700 lumens, 3000K, 95 CRI

NSP - 13° Narrow Spot

- Input Power: 9.2 W
- Lumens: 498 lm
- Efficacy: 54 lm/W
- CBCP: 7202 cd
- Beam Angle: 13.0°
- Field Angle: 24.9°
- Spacing Criteria: 0.23

∠	0°	45°	90°
0°	7099	7099	7099
5°	4464	4440	5134
10°	1290	1318	1764
15°	279	310	384
20°	86	91	109
25°	48	47	56
30°	20	21	25
35°	11	12	13
40°	10	12	11
45°	10	11	11

NFL - 22° Narrow Flood

- Input Power: 8.4 W
- Lumens: 805 lm
- Efficacy: 96 lm/W
- CBCP: 4299 cd
- Beam Angle: 21.6°
- Field Angle: 42.4°
- Spacing Criteria: 0.38

∠	0°	45°	90°
0°	4287	4287	4287
5°	3909	3963	4010
10°	2508	2558	2653
15°	1120	1174	1196
20°	527	546	551
25°	248	254	263
30°	96	104	107
35°	40	41	43
40°	25	25	25
45°	17	18	18

FL - 36° Flood

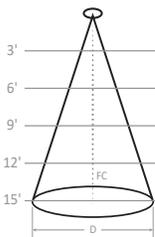
- Input Power: 8.4 W
- Lumens: 832 lm
- Efficacy: 99 lm/W
- CBCP: 2048 cd
- Beam Angle: 35.8°
- Field Angle: 60.1°
- Spacing Criteria: 0.65

∠	0°	45°	90°
0°	2045	2045	2045
5°	1969	1961	1970
10°	1739	1729	1732
15°	1344	1335	1347
20°	846	847	871
25°	433	439	452
30°	210	213	216
35°	104	107	106
40°	53	54	53
45°	29	30	29

WFL - 63° Wide Flood

- Input Power: 8.4 W
- Lumens: 699 lm
- Efficacy: 83 lm/W
- CBCP: 559 cd
- Beam Angle: 63.1°
- Field Angle: 114.7°
- Spacing Criteria: 0.59

∠	0°	45°	90°
0°	557	557	557
5°	548	549	548
10°	522	521	519
15°	478	475	473
20°	423	420	418
25°	365	361	363
30°	309	303	308
35°	253	246	256
40°	198	191	204
45°	146	141	155



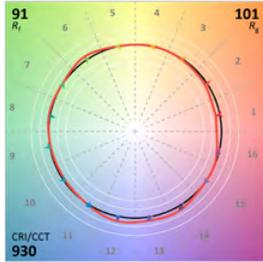
Height	NSP - 13°	NFL - 22°	FL - 36°	WFL - 63°
3'	0.68' D, 552 FC	1.14' D, 333 FC	1.94' D, 159 FC	1.78' D, 43 FC
6'	1.37' D, 138 FC	2.28' D, 83 FC	3.87' D, 40 FC	3.56' D, 11 FC
9'	2.05' D, 61 FC	3.43' D, 37 FC	5.81' D, 18 FC	5.34' D, 5 FC
12'	2.73' D, 35 FC	4.57' D, 21 FC	7.74' D, 10 FC	7.12' D, 3 FC
15'	3.42' D, 22 FC	5.71' D, 13 FC	9.68' D, 6 FC	8.90' D, 2 FC

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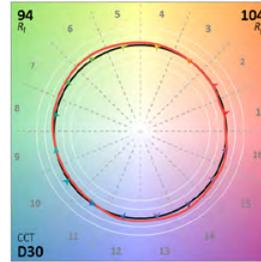
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TM30 COLOR REPORTS

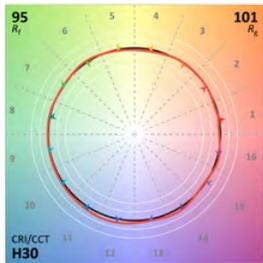
- 3000K with 95 CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



- 3000K to 1800K with 98+ CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



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



OUTPUT MULTIPLIER

Package	Multiplier
400 lumens; 5W	0.65

DLC DETAILS

LCN	NSP	NFL	FL	WFL
400 lumens	n/a	n/a	n/a	n/a
700 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	--

DIM TO WARM DETAILS | Dim to Warm only available with NFL, FL, and WFL beam spreads @ 8W; 700 lumens; 90+CRI

NFL - 26° Narrow Flood

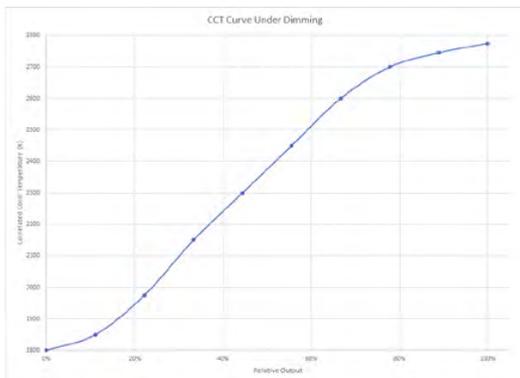
- Input Power: 8.0 W
- Lumens: 479 lm
- Efficacy: 60 lm/W
- CBCP: 1716 cd
- Beam Angle: 26.1°
- Field Angle: 49.9°
- Spacing Criteria: 0.46

FL - 40° Flood

- Input Power: 8.0 W
- Lumens: 517 lm
- Efficacy: 64 lm/W
- CBCP: 1081 cd
- Beam Angle: 39.1°
- Field Angle: 65.1°
- Spacing Criteria: 0.71

WFL - 66° Wide Flood

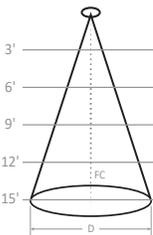
- Input Power: 8.0 W
- Lumens: 411 lm
- Efficacy: 51 lm/W
- CBCP: 312 cd
- Beam Angle: 66.4°
- Field Angle: 119.2°
- Spacing Criteria: 1.31



∠	0°	45°	90°
0°	1678	1678	1678
5°	1727	1740	1734
10°	1342	1419	1502
15°	681	742	827
20°	335	362	417
25°	165	181	213
30°	71	83	99
35°	32	38	46
40°	18	19	25
45°	12	12	15

∠	0°	45°	90°
0°	1077	1077	1077
5°	1031	1046	1059
10°	916	941	975
15°	731	762	809
20°	490	528	583
25°	277	304	348
30°	135	151	184
35°	64	71	91
40°	31	34	44
45°	17	18	23

∠	0°	45°	90°
0°	310	310	310
5°	305	305	308
10°	289	291	296
15°	266	268	275
20°	238	241	249
25°	207	211	219
30°	175	180	189
35°	144	149	158
40°	113	120	127
45°	85	92	98



1.39' D, 131 FC

2.13' D, 84 FC

3.92' D, 24 FC

2.78' D, 33 FC

4.26' D, 21 FC

7.85' D, 6 FC

4.17' D, 15 FC

6.39' D, 9 FC

11.77' D, 3 FC

5.56' D, 8 FC

8.52' D, 5 FC

15.69' D, 2 FC

6.95' D, 5 FC

10.65' D, 3 FC

19.61' D, 1 FC