

LCN LUCIE

LUCIE NANO 2" CANOPY MOUNT FIXTURE

MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 700 lumens at 8W
- 3 canopy styles suitable for 0.5" to 1" ceiling thicknesses
- 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



FIXTURE	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	MOUNTING	OPTIONS
LCN : Nano Lucie	1 : 120V, 1% phase-cut dimming	NSP ³ : 13°	9 : 95 CRI	22 ² : 2200K	400 ⁴ : 5W	PW : Perfect White	4" JUNCTION BOX	LS : Linear Spread Lens
	2 : 120-277V, 1% 0-10V dimming	NFL : 22°	H ¹ : 98+ CRI	25 ² : 2500K	700 : 8W	BK : Black	CM : standard stem	HL ⁷ : Honeycomb Louver
		FL : 36°	D ³ : Dim-to-Warm (3000K to 1800K)	27 : 2700K		SV : Silver	CM-S6 ⁵ : 6" stem	SS : Solite Spread Lens
		WFL : 63°		30 : 3000K		BA : Brushed Aluminum	CM-S12 ⁵ : 12" stem	
				35 : 3500K		BG : Brushed Gold	CM-S18 ⁵ : 18" stem	
				40 : 4000K		GD : Gold	CM-S24 ⁵ : 24" stem	SN ⁷ : Snoot
				50 : 5000K		BZ : Bronze	3.5" JUNCTION BOX	AS : Frosted Acrylic Snoot
						CR : Chrome	CMM : standard stem	SNxx ⁷ : Mix + Match snoot (snoot finish)
						RC : Rose Gold Chrome	CMM-S6 ⁵ : 6" stem	
						BC : Black Chrome	CMM-S12 ⁵ : 12" stem	
						GC : Gold Chrome	CMM-S18 ⁵ : 18" stem	
							CMM-S24 ⁵ : 24" stem	
							DISCREET CANOPY	
							DC ⁶ : standard stem	
							DC-S6 ⁵⁶ : 6" stem	
							DC-S12 ⁵⁶ : 12" stem	
							DC-S18 ⁵⁶ : 18" stem	
							DC-S24 ⁵⁶ : 24" stem	

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, 3000K to 1800K, 1000 lumens only. Unavailable with NSP.

⁴400 lumen, 5W is a special order item

⁵Consult factory for stem orders lead times and availability

⁶For DC options, black canopy/plate provided with all finishes except PW, which has a matching PW canopy/plate. Consult factory for alternate needs.

⁷HL recommended only with NSP or NFL; SN recommended only with NSP, NFL or FL

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ELECTRICAL + CONTROLS

- 120V : <1% Phase-cut dimming
- 120-277V : <1% Phase-cut or 0-10V dimming

MOUNTING

- Suitable for ceiling thickness 0.5" - 1"
- CM : Designed for 4" octagonal junction box
- CMM : Designed for 3.5" octagonal junction box
- DC : Integrated 2" junction box with a discreet, flat canopy/plate

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

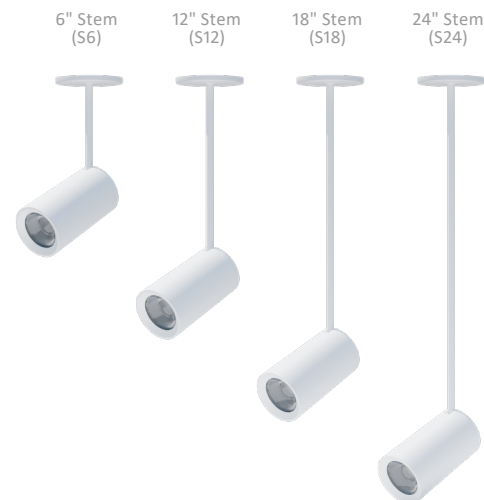
OPTICS + PERFORMANCE

- 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

RATINGS + CERTIFICATIONS

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

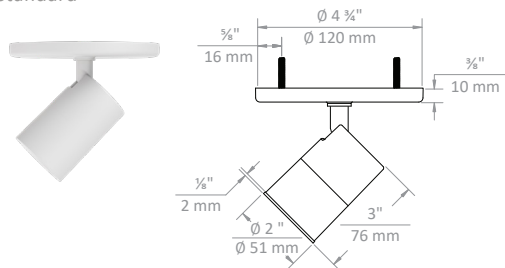
EXTENDED STEM DETAILS



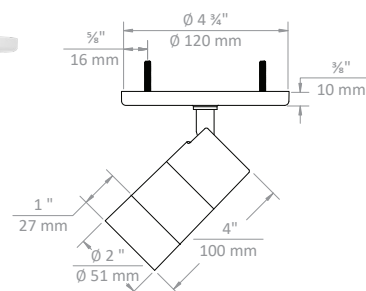
CANOPY MOUNT FOR 4" J-BOX (CM)

45°

- Standard



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



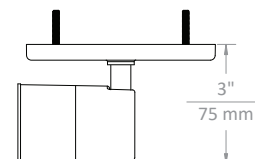
0°

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



90°

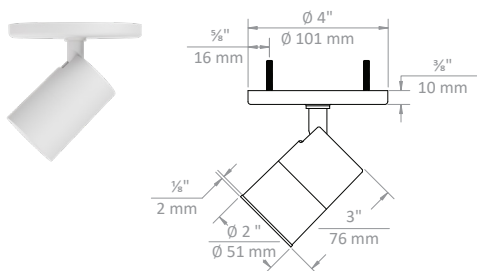
- Standard (left), SN- Snoot (right)



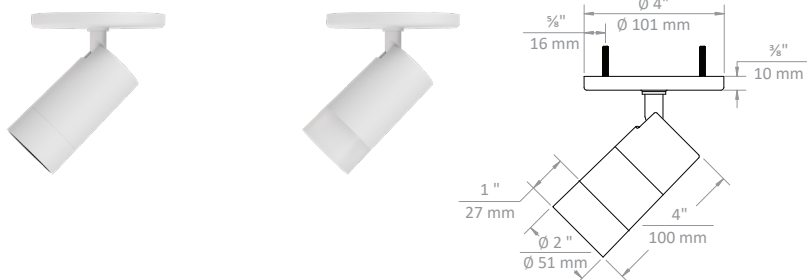
CANOPY MOUNT FOR 3.5" J-BOX (CMM)

45°

▪ Standard



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



0°

▪ Standard (left), SN- Snoot (right)



90°

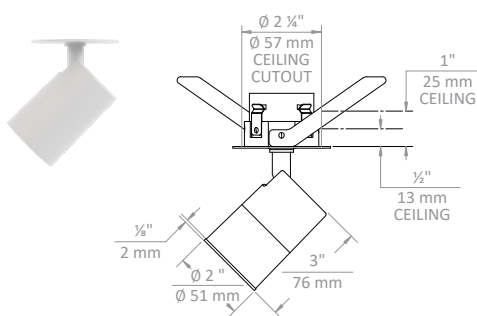
▪ Standard (left), SN- Snoot (right)



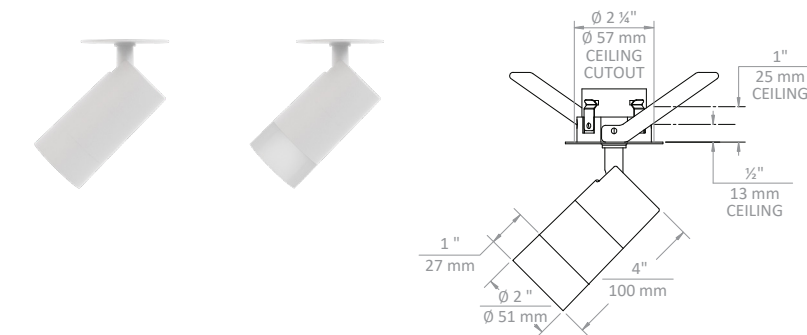
DISCREET CANOPY WITH INTEGRATED J-BOX (DC)

45°

▪ Standard



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



0°

▪ Standard (left), SN- Snoot (right)



90°

▪ Standard (left), SN- Snoot (right)



FINISHES

CM Shown with snoots and hex louvers.

Standard Finishes



Mix + Match



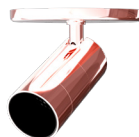
Perfect White (PW)

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)

DC 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
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Bronze
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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

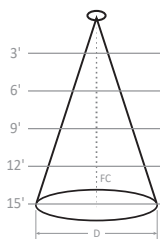
- Input Power: 8.4 W
- Lumens: 832 lm
- Efficacy: 99 lm/W
- CBCP: 2048 cd
- Beam Angle: 35.8°
- Field Angle: 60.1°
- Spacing Criteria: 0.65

∠	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



0.68' D, 552 FC
1.37' D, 138 FC
2.05' D, 61 FC
2.73' D, 35 FC
3.42' D, 22 FC

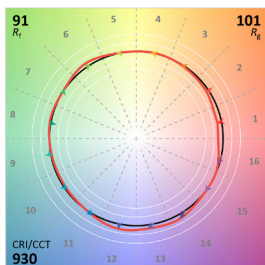
1.14' D, 333 FC
2.28' D, 83 FC
3.43' D, 37 FC
4.57' D, 21 FC
5.71' D, 13 FC

1.94' D, 159 FC
3.87' D, 40 FC
5.81' D, 18 FC
7.74' D, 10 FC
9.68' D, 6 FC

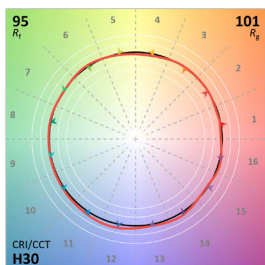
1.78' D, 43 FC
3.56' D, 11 FC
5.34' D, 5 FC
7.12' D, 3 FC
8.90' D, 2 FC

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

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	--

OUTPUT MULTIPLIER

Package	Multiplier
400 lumens; 5W	0.65

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

∠	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

FL - 40° Flood

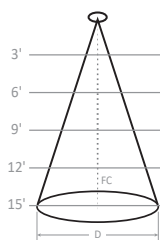
- Input Power: 8.0 W
- Lumens: 517 lm
- Efficacy: 64 lm/W
- CBCP: 1081 cd
- Beam Angle: 39.1°
- Field Angle: 65.1°
- Spacing Criteria: 0.71

∠	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

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°	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

2.78' D, 33 FC

4.17' D, 15 FC

5.56' D, 8 FC

6.95' D, 5 FC

2.13' D, 84 FC

4.26' D, 21 FC

6.39' D, 9 FC

8.52' D, 5 FC

10.65' D, 3 FC

3.92' D, 24 FC

7.85' D, 6 FC

11.77' D, 3 FC

15.69' D, 2 FC

19.61' D, 1 FC

- 3000K to 1800K with 98+ CRI

- R_A = 95; R_g = 62

- R_f = 91; R_g = 101

