

PROJECT \_\_\_\_\_ TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_ MEMO \_\_\_\_\_

ORDERING CODE BREAKDOWN

# 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
- 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 <sup>3</sup> : 13°	9 : 95 CRI	22 <sup>2</sup> : 2200K	400 <sup>4</sup> : 5W	PW : Perfect White	CM : Canopy Mount, 4" j-box	LS : Linear Spread Lens
	2 : 120-277V, 1% 0-10V dimming	NFL : 22°	H <sup>1</sup> : 98+ CRI	25 <sup>2</sup> : 2500K	700 : 8W	BK : Black	CM-S6 : 4" j-box, 6" stem	HL <sup>5</sup> : Honeycomb Louver
		FL : 36°	D <sup>3</sup> : Dim-to-Warm	27 : 2700K	SV : Silver	CM-S12 : 4" j-box, 12" stem	SS : Solite Spread Lens	
		WFL : 63°	30 : 3000K	BA : Brushed Aluminum	CM-S18 : 4" j-box, 18" stem	SN <sup>5</sup> : Snoot		
		35 : 3500K	BG : Brushed Gold	CM-S24 : 4" j-box, 24" stem				
		40 : 4000K	GD : Gold	CMM : Canopy Mount, 3.5" j-box				
		50 : 5000K	BZ : Bronze	CMM-S6 : 3.5" j-box, 6" stem				
		CR : Chrome	CMM-S12 : 3.5" j-box, 12" stem					
		RC : Rose Gold Chrome	CMM-S18 : 3.5" j-box, 18" stem					
		BC : Black Chrome	CMM-S24 : 3.5" j-box, 24" stem					
GC : Gold Chrome								

Notes: <sup>1</sup>98+ CRI produces less measured lumens. See photometric data.  
<sup>2</sup>2200K, 2500K are only available with '9' and are 90+ CRI  
<sup>3</sup>Dim to Warm is 98+ CRI, 1000 lumens only. Unavailable with NSP.  
<sup>4</sup>400 lumen, 5W is a special order item  
<sup>5</sup>HL 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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## LUCIE NANO 2" CANOPY MOUNT FIXTURE

### MOUNTING + ELECTRICAL + CONTROLS

- 120-277V
- CM: Designed for 4" octagonal junction box
- CMM: Designed for 3.5" octagonal junction box

### 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 (LM<sub>90</sub>): 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

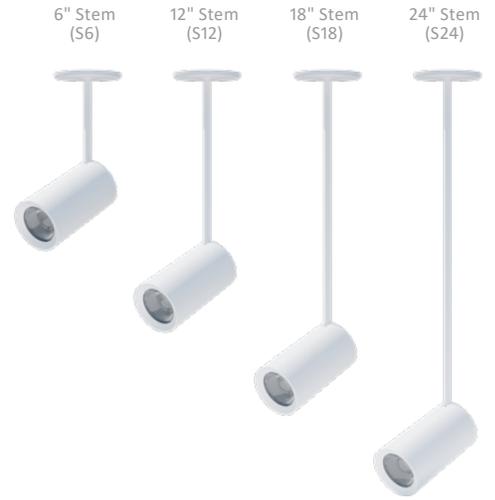
### RATINGS + CERTIFICATIONS

- 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*)

### WARRANTY

- 5-year warranty

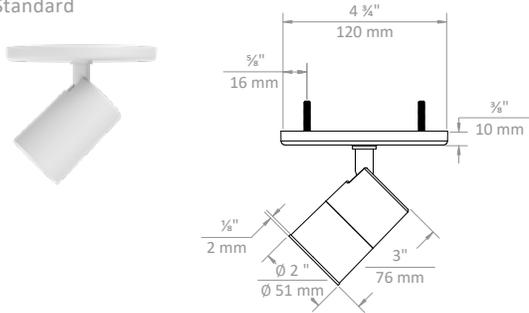
Consult factory for mix + match finishes of fixtures and/or snoots



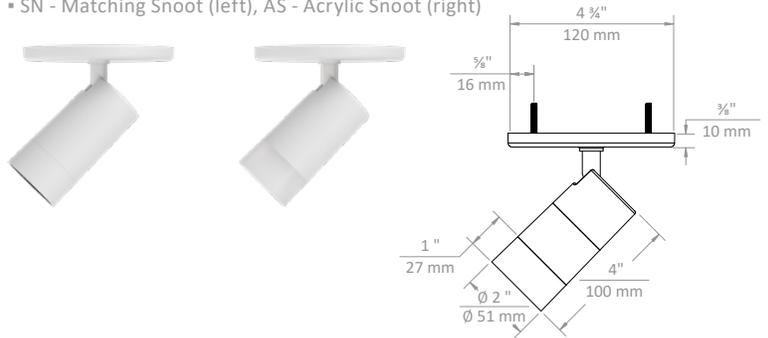
### CM CANOPY MOUNT FOR 4" J-BOX

45°

- Standard



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



0°

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



90°

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



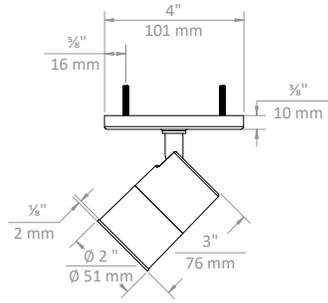
# LCN LUCIE

## LUCIE NANO 2" CANOPY MOUNT FIXTURE

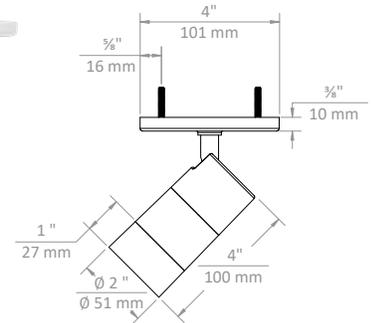
### CMM CANOPY MOUNT FOR 3.5" J-BOX

45°

▪ Standard

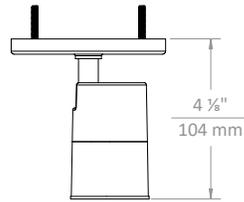


▪ SN - Matching Snoot (left), AS - Acrylic Snoot (right)



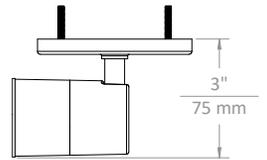
0°

▪ Standard (left), SN- Snoot (right)



90°

▪ Standard (left), SN- Snoot (right)



### 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)

PROJECT \_\_\_\_\_ TYPE \_\_\_\_\_

**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**

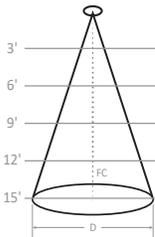
- Input Power: 8.4 W
- Lumens: 832 lm
- Efficacy: 99 lm/W
- CBCP: 2048 cd
- Beam Angle: 35.8°
- Field Angle: 60.1°
- Spacing Criteria: 0.65

∠	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

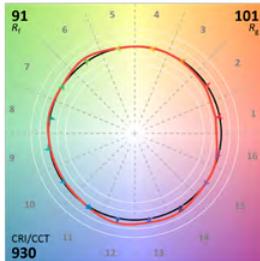
∠	0°	45°	90°
0°	557	557	557
5°	548	549	548
10°	522	521	519
15°	478	475	473
20°	423	420	418
25°	365	361	363
30°	309	303	308
35°	253	246	256
40°	198	191	204
45°	146	141	155



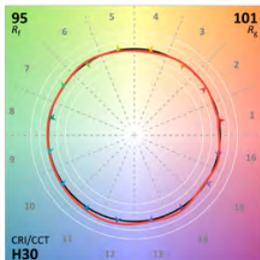
3'	0.68' D, 552 FC	1.14' D, 333 FC	1.94' D, 159 FC	1.78' D, 43 FC
6'	1.37' D, 138 FC	2.28' D, 83 FC	3.87' D, 40 FC	3.56' D, 11 FC
9'	2.05' D, 61 FC	3.43' D, 37 FC	5.81' D, 18 FC	5.34' D, 5 FC
12'	2.73' D, 35 FC	4.57' D, 21 FC	7.74' D, 10 FC	7.12' D, 3 FC
15'	3.42' D, 22 FC	5.71' D, 13 FC	9.68' D, 6 FC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

**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

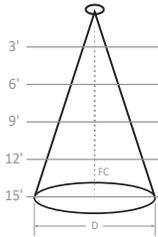
- Input Power: 8.0 W
- Lumens: 517 lm
- Efficacy: 64 lm/W
- CBCP: 1081 cd
- Beam Angle: 39.1°
- Field Angle: 65.1°
- Spacing Criteria: 0.71

∠	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<sub>A</sub> = 95; R<sub>g</sub> = 62
- R<sub>f</sub> = 91; R<sub>g</sub> = 101

