

LCS LUCIE

LUCIE SMALL 2.5" CANOPY MOUNT FIXTURE

MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 1600 lumens at 3000K, 95 CRI and 16W
- 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
LCS : Small Lucie	1 : 120V, 1% phase-cut dimming 2 : 120-277V, 1% 0-10V dimming	VNSP : 9° NSP ⁴ : 16° SP : 20° NFL : 25° FL : 36° WFL : 53°	9 : 95 CRI H ¹ : 98+ CRI M ² : Monowhite D ⁴ : Dim-to-Warm (3000K to 1800K)	22 ³ : 2200K 25 ³ : 2500K 27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K 50 : 5000K	600 : 9W (VNSP) 1200 : 11W 1600 : 16W 1000 : 15W (Dim-to-Warm)	PW : Perfect White BK : Black SV : Silver BA : Brushed Aluminum BG : Brushed Gold GD : Gold BZ : Bronze CR : Chrome RC : Rose Gold Chrome BC : Black Chrome GC : Gold Chrome	4" JUNCTION BOX CM : standard stem CM-S6 ⁵ : 6" stem CM-S12 ⁵ : 12" stem CM-S18 ⁵ : 18" stem CM-S24 ⁵ : 24" stem 3.5" JUNCTION BOX CMM : standard stem CMM-S6 ⁵ : 6" stem CMM-S12 ⁵ : 12" stem 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	LS : Linear Spread Lens HL ⁷ : Honeycomb Louver SS : Solite Spread Lens SN ⁷ : 1" Snoot SN2 ⁷ : 2" Snoot SB : Spill Block AS : Frosted Acrylic Snoot

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

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

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

⁴Dim to Warm is 98+ CRI, 3000K to 1800K, 1000 lumens only. Unavailable with NSP

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

LCS LUCIE

LUCIE SMALL 2.5" CANOPY MOUNT FIXTURE

MOUNTING + ELECTRICAL + CONTROLS

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

CONSTRUCTION + FINISH

- Weight: 12.2 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: IIIIONW)
- 120V: UL and cUL Listed for dry location (E487826), CEC Title 24, JA8 + JA10 compliant
- 277V: UL and cUL Listed for dry location (E487826)

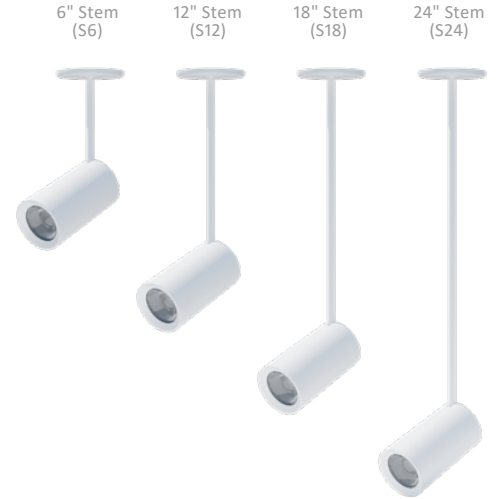
WARRANTY

- 5-year warranty

OPTICS + PERFORMANCE

- 6 custom beam spreads available
 - Very Narrow Spot - 9°
 - Narrow Spot - 16°
 - Spot - 20°
 - Narrow Flood - 25°
 - Flood - 36°
 - Wide Flood - 53°
- 4 performance packages
 - 9W; 600 lumens (VNSP only)
 - 11W; 1200 lumens
 - 16W; 1600 lumens
 - 15W; 1000 lumens (Dim to Warm)
- 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

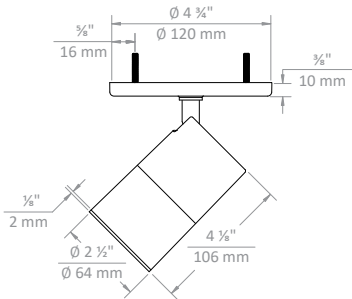
EXTENDED STEM DETAILS



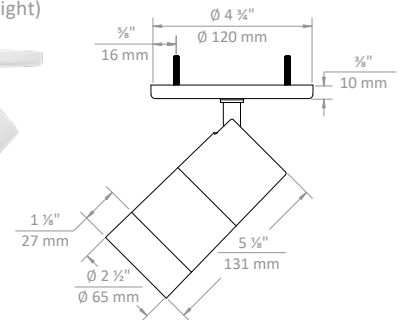
CANOPY MOUNT FOR 4" J-BOX (CM)

45°

- Standard

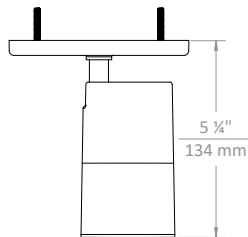


- SN - Matching Snoot (left), AS - Acrylic Snoot (right)



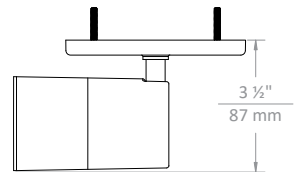
0°

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



90°

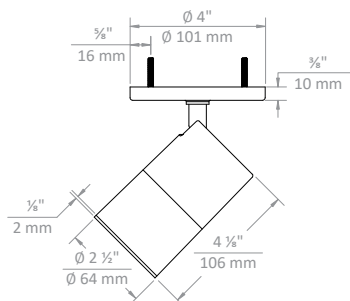
- Standard (left), SN- Snoot (right)



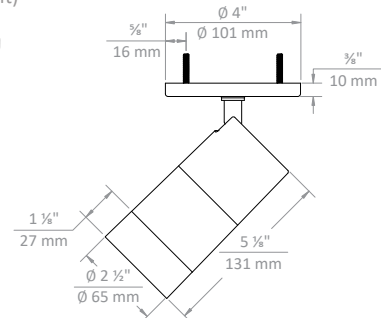
CANOPY MOUNT FOR 3.5" J-BOX (CMM)

45°

▪ Standard

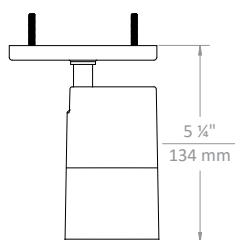


▪ SN - Matching Snoot (left), AS - Acrylic Snoot (right)



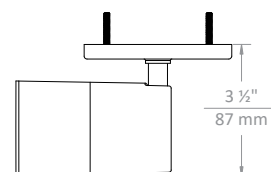
0°

▪ Standard (left), SN- Snoot (right)



90°

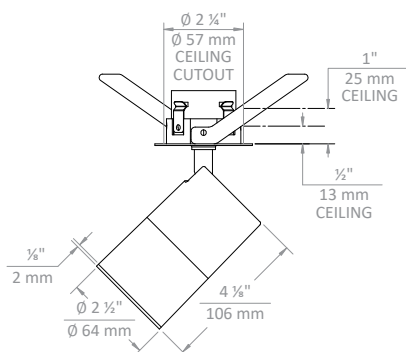
▪ Standard (left), SN- Snoot (right)



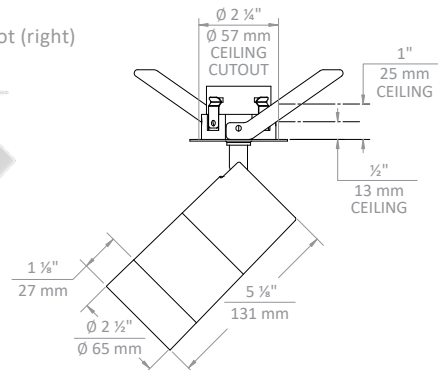
DISCREET CANOPY WITH INTEGRATED J-BOX (DC)

45°

▪ Standard

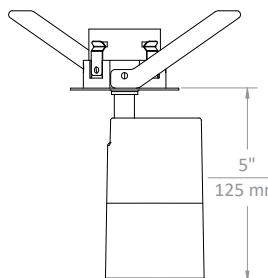


▪ SN - Matching Snoot (left), AS - Acrylic Snoot (right)



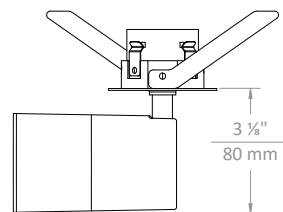
0°

▪ Standard (left), SN- Snoot (right)



90°

▪ Standard (left), SN- Snoot (right)



FINISHES

CM Shown with snoots and hex louvers.

Standard Finishes



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)



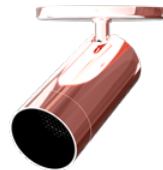
Chrome
(CR)



Bronze
(BZ)



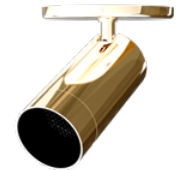
Black Chrome
(BC)



Rose Gold Chrome
(RC)



Gold
(GD)



Gold Chrome
(GC)

DC Shown with snoots and hex louvers.

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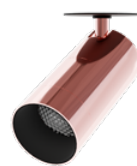
Chrome
(CR)



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 16W, 1600 lumens, 3000K, 95 CRI

VNSP - 9° Very Narrow Spot

- Input Power: 8.7W
- Lumens: 604 lm
- Efficacy: 69 lm/W
- CBCP: 10483
- Beam Angle: 10.3°
- Field Angle: 21.8°
- Spacing Criteria: 0.18

∠	0°	45°	90°
0°	10195	10195	10195
5°	6539	6641	6518
10°	1443	1454	1508
15°	536	553	572
20°	232	249	271
25°	109	113	120
30°	59	64	65
35°	36	38	40
40°	25	26	27
45°	17	17	18

NSP - 16° Narrow Spot

- Input Power: 15.6W
- Lumens: 1275 lm
- Efficacy: 82 lm/W
- CBCP: 13645
- Beam Angle: 15.6°
- Field Angle: 29.7°
- Spacing Criteria: 0.27

∠	0°	45°	90°
0°	13572	13572	13572
5°	10992	10455	10197
10°	5158	4752	4445
15°	1571	1372	1318
20°	373	338	366
25°	115	112	123
30°	57	53	55
35°	35	32	32
40°	22	20	19
45°	12	11	10

SP - 20° Spot

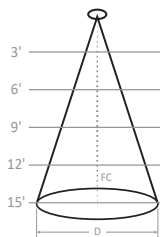
- Input Power: 15.7W
- Lumens: 1571lm
- Efficacy: 100 lm/W
- CBCP: 9409
- Beam Angle: 20.1°
- Field Angle: 41.4°
- Spacing Criteria: 0.35

∠	0°	45°	90°
0°	9278	9278	9278
5°	8499	8097	7708
10°	5498	5051	4641
15°	2885	2561	2309
20°	1329	1140	1018
25°	543	469	403
30°	201	173	150
35°	80	73	67
40°	42	39	37
45°	22	20	19

NFL - 25° Narrow Flood

- Input Power: 15.7W
- Lumens: 1443 lm
- Efficacy: 92 lm/W
- CBCP: 6267
- Beam Angle: 25.2°
- Field Angle: 46.6°
- Spacing Criteria: 0.45

∠	0°	45°	90°
0°	6242	6242	6242
5°	5859	5763	5664
10°	4409	4233	4056
15°	2691	2480	2348
20°	1318	1184	1086
25°	559	491	441
30°	258	215	193
35°	118	104	93
40°	54	49	44
45°	27	25	24



FL - 36° Flood

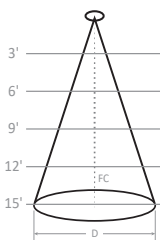
- Input Power: 15.7W
- Lumens: 1448 lm
- Efficacy: 92 lm/W
- CBCP: 3171
- Beam Angle: 36.1°
- Field Angle: 66.4°
- Spacing Criteria: 0.65

∠	0°	45°	90°
0°	3165	3165	3165
5°	3063	3082	3094
10°	2743	2738	2739
15°	2151	2110	2104
20°	1467	1409	1392
25°	898	864	830
30°	515	496	467
35°	287	272	255
40°	151	143	134
45°	79	75	69

WFL - 53° Wide Flood

- Input Power: 16.3W
- Lumens: 1367 lm
- Efficacy: 84 lm/W
- CBCP: 1296
- Beam Angle: 57.3°
- Field Angle: 105.3°
- Spacing Criteria: 1.09

∠	0°	45°	90°
0°	1624	1624	1624
5°	1573	1581	1599
10°	1467	1478	1493
15°	1326	1336	1342
20°	1144	1143	1139
25°	927	921	901
30°	697	686	665
35°	491	482	468
40°	338	329	317
45°	224	216	204



OUTPUT MULTIPLIER

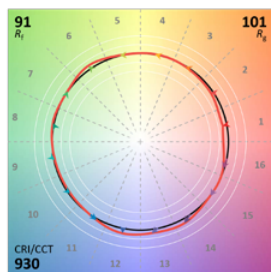
Package	Multiplier
1200 lumens; 11W	0.78

CRI-CCT MULTIPLIERS

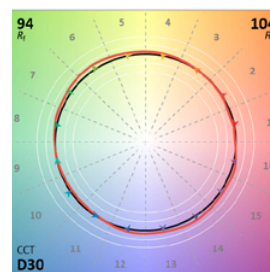
CCT	95 CRI	98+ CRI	MonoWhite
2200K	0.80	0.71	--
2500K	0.85	0.76	--
2700K	0.92	0.73	--
3000K	1.00	0.75	0.86
3500K	1.04	0.79	0.88
4000K	1.05	0.80	--
5000K	1.06	0.81	--

TM30 COLOR REPORTS

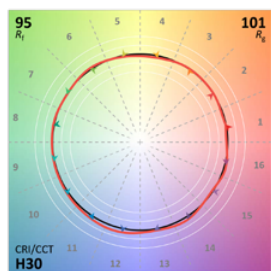
- 3000K with 95 CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



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



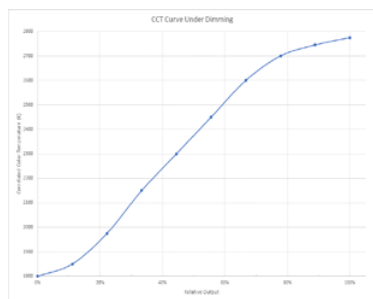
- 3000K with 98+ CRI
- $R_A = 98$; $R_g = 96$
- $R_f = 95$; $R_g = 101$



DLC DETAILS

LCS	VNSP	NSP	SP	NFL	FL	WFL
600 lumens	n/a	n/a	n/a	n/a	n/a	n/a
1200 lumens	n/a	n/a	DLC	DLC	DLC	DLC
1600 lumens	n/a	n/a	DLC	DLC	DLC	DLC
1000 lumens (Dim to Warm)	n/a	n/a	n/a	n/a	n/a	n/a

DIM TO WARM DETAILS | Dim to Warm only available with NFL, FL, and WFL beam spreads @ 16W; 1000 lumens; 90+CRI



SP - 20° Narrow Flood

- Input Power: 15.3W
- Lumens: 1039 lm
- Efficacy: 68 lm/W
- CBCP: 6356
- Beam Angle: 20.2°
- Field Angle: 39.9°
- Spacing Criteria: 0.36

∠	0°	45°	90°
0°	6297	6297	6297
5°	5798	5559	5423
10°	3744	3415	3256
15°	1808	1589	1529
20°	735	686	663
25°	295	281	267
30°	107	105	94
35°	42	40	36
40°	20	19	18
45°	10	9	9

NFL - 25° Narrow Flood

- Input Power: 15.3W
- Lumens: 932 lm
- Efficacy: 61 lm/W
- CBCP: 4304
- Beam Angle: 24.7°
- Field Angle: 45.2°
- Spacing Criteria: 0.44

∠	0°	45°	90°
0°	4262	4262	4262
5°	4067	3976	3846
10°	3063	2936	2786
15°	1825	1711	1604
20°	848	798	728
25°	330	305	292
30°	138	126	117
35°	63	57	54
40°	30	27	26
45°	15	14	13

FL - 36° Flood

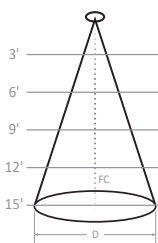
- Input Power: 15.3W
- Lumens: 939 lm
- Efficacy: 62 lm/W
- CBCP: 2110
- Beam Angle: 35.9°
- Field Angle: 65.5°
- Spacing Criteria: 0.65

∠	0°	45°	90°
0°	2091	2091	2091
5°	2074	2048	2009
10°	1876	1829	1759
15°	1473	1411	1325
20°	1000	952	882
25°	602	571	528
30°	341	318	298
35°	184	170	161
40°	97	89	85
45°	50	46	44

WFL - 55° Wide Flood

- Input Power: 15.3W
- Lumens: 939 lm
- Efficacy: 62 lm/W
- CBCP: 1003
- Beam Angle: 55.2°
- Field Angle: 96.9°
- Spacing Criteria: 1.05

∠	0°	45°	90°
0°	995	995	995
5°	986	976	967
10°	935	935	919
15°	850	860	847
20°	736	751	737
25°	604	611	593
30°	468	465	446
35°	335	333	316
40°	234	231	221
45°	154	152	146



1.07' D; 490 FC
2.14' D; 122 FC
3.21' D; 54 FC
4.28' D; 31 FC
5.34' D; 20 FC

1.31' D; 332 FC
2.62' D; 83 FC
3.93' D; 37 FC
5.24' D; 21 FC
6.55' D; 13 FC

1.94' D; 163 FC
3.89' D; 41 FC
5.83' D; 18 FC
7.77' D; 10 FC
9.72' D; 7 FC

3.14' D; 77 FC
6.27' D; 19 FC
9.41' D; 9 FC
12.55' D; 5 FC
15.68' D; 3 FC