

LCV LUCIE

LUCIE CONTROLS READY 2.5" CANOPY MOUNT FIXTURE

MAIN FEATURES

- Wireless controls-ready Lucie trackhead
- 95 CRI Standard; 98+ CRI option available
- Dim-to-warm and tunable white options available
- Delivering up to 2300 lumens at 3000K, 95 CRI and 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
- 359° rotation; 0-90° head tilt
- Accommodates up to two accessories in addition to snoot



Fixture	Voltage	Beam Spread	CRI	CCT	Lumens	Finish	Mounting	Options
LCV : Controls Ready Lucie	UDA : 120-277V, DALI-2 D4i Driver	VNSP ¹ : 9°	9 : 95 CRI	22 ⁴ : 2200K	600 : 9W	PW : Perfect White	CM : Canopy Mount, 4" j-box	SN ⁶ : Matching Snoot
		NSP ¹ : 16°	H ² : 98 CRI	25 ⁴ : 2500K	1000 ¹ : 16W (Dim-to-Warm)	BK : Black	CM-S6 ⁵ : 4" j-box, 6" stem	AS : Acrylic Snoot
		NFL : 25°	D ¹ : Dim-to-Warm (3000K to 1800K)	27 : 2700K	1200 : 11W	SV : Silver	CM-S12 ⁵ : 4" j-box, 12" stem	SNxx : Mix + Match Snoot, select finish. (ex. SNBG)
		FL : 36°	T ³ : Tunable White	30 : 3000K	1600 : 16W	BA : Brushed Aluminum	CM-S18 ⁵ : 4" j-box, 18" stem	HL ⁶ : Honeycomb Louver
		WFL : 53°		35 : 3500K	2000 : 21W	BG : Brushed Gold	CM-S24 ⁵ : 4" j-box, 24" stem	SS : Solite Spread Lens
				40 : 4000K	2300 : 24W	GD : Gold	CMM : Canopy Mount, 3.5" j-box	LS : Linear Spread Lens
				50 : 5000K		BZ : Bronze	CMM-S6 ⁵ : 3.5" j-box, 6" stem	LEV : Leviton Intellect Node
						CR : Chrome	CMM-S12 ⁵ : 3.5" j-box, 12" stem	CAS : Casambi Node
						RC : Rose Gold Chrome	CMM-S18 ⁵ : 3.5" j-box, 18" stem	AWN-R-PW : White Lutron Athena Node
						BC : Black Chrome	CMM-S24 ⁵ : 3.5" j-box, 24" stem	AWN-R-BK : Black Lutron Athena Node
				GC : Gold Chrome		W601 : Wattstopper Node		

Notes: ¹Dim to Warm is 98+ CRI, 3000K to 1800K, 1000 lumens only. Unavailable with VNSP and NSP

²98+ CRI produces less measured lumens. See photometric data.

³Tunable White *requires* a wireless control node option. (LEV, CAS, AWN-R-PW, or AWN-R-BK)

⁴2200K, 2500K are only available with '9' and are 90+ CRI

⁵Consult factory for stem custom orders; only available with Gaia and Gaia+ adapters.

⁶HL recommended only with NSP or NFL; SN recommended only with NSP, NFL or FL



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MOUNTING + ELECTRICAL + CONTROLS

- 120-277V
- Integrated DALI-2 D4i driver with 0.1% Logarithmic Dimming
- Selected wireless node option will be pre-wired to the DALI control wires; If no selection, the DALI control wires will be wired to the adapter for DALI-2 dimming
 - 3 Wireless node options
 - Lutron Athena
 - Leviton Intellect
 - Casambi
- CM: Designed for 4" octagonal junction box
- CMM: Designed for 3.5" octagonal junction box

CONSTRUCTION + FINISH

- Weight: 18.2 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

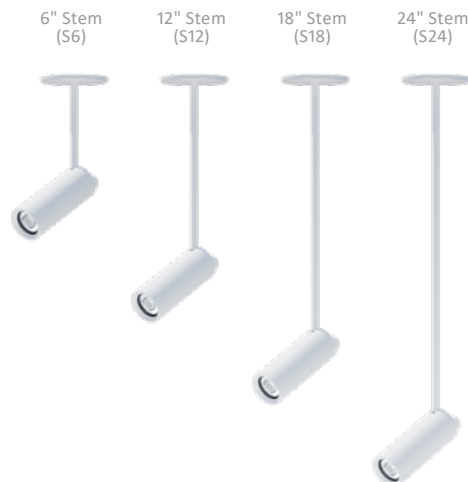
OPTICS + PERFORMANCE

- 5 custom beam spreads available
 - Very Narrow Spot - 9°
 - Narrow Spot - 16°
 - Narrow Flood - 25°
 - Flood - 36°
 - Wide Flood - 53°
- 5 performance packages
 - 9W; 600 lumens (*VNSP only*)
 - 15W; 1000 lumens (*Dim to Warm only*)
 - 11W; 1200 lumens
 - 16W; 1600 lumens
 - 21W; 2000 lumens
 - 24W; 2300 lumens
- Color Temperatures
 - 95 and 98+ CRI
 - 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K
 - Dim-to-Warm: 3000K to 1800K with 97 CRI
 - Tunable White: 4000K / 1800K with 90+ CRI
- 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*)

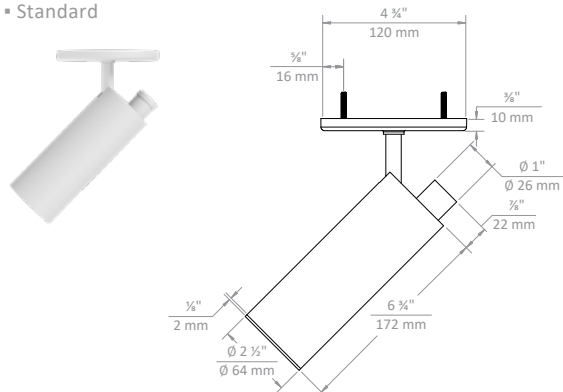
Consult factory for mix + match finishes of fixtures and/or snoots



CM CANOPY MOUNT FOR 4" J-BOX

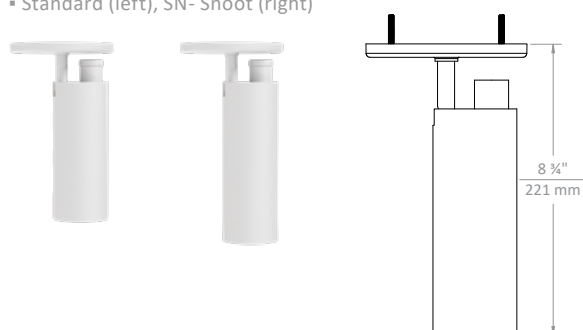
45°

- Standard

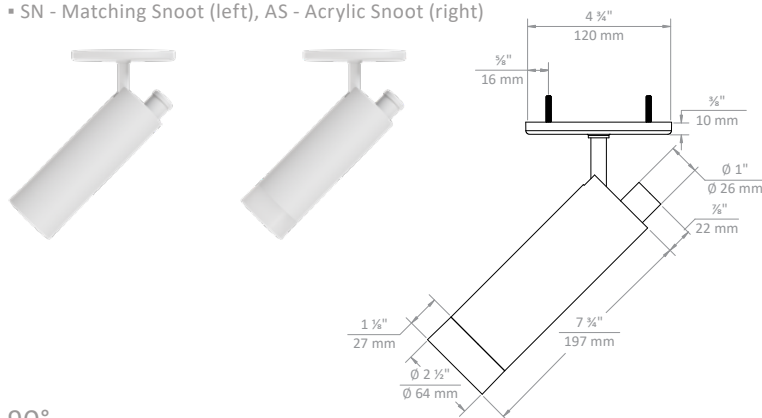


0°

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



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



90°

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



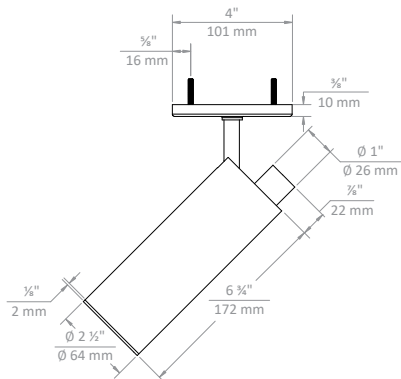
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LUCIE CONTROLS READY 2.5"
CANOPY MOUNT FIXTURE

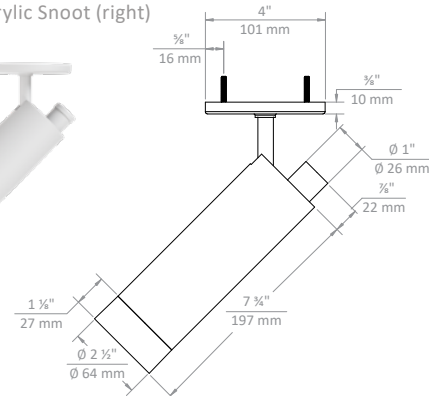
CMM CANOPY MOUNT FOR 3.5" J-BOX

45°

▪ Standard

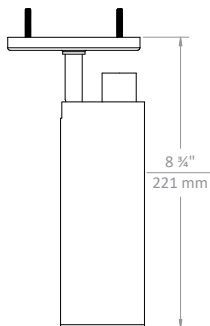


▪ SN - Matching Snoot (left), AS - Acrylic Snoot (right)



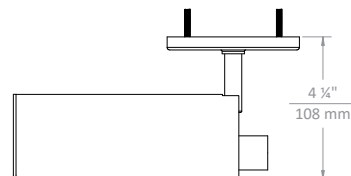
0°

▪ 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)

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

Baseline data shown below for LCV/DA/_/_/930/2300/_/_/_ — 24W, 2300 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 - 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

FL - 40° Flood

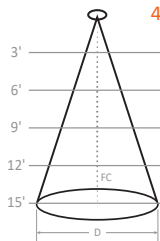
- Input Power: 24.4 W
- Lumens: 2326 lm
- Efficacy: 95 lm/W
- CBCP: 3955
- Beam Angle: 40.4°
- Field Angle: 71.9°
- Spacing Criteria: 0.73

∠	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



0.54' D; 793 FC
1.08' D; 198 FC
1.61' D; 88 FC
2.15' D; 50 FC
2.69' D; 32 FC

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

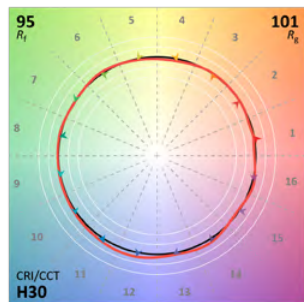
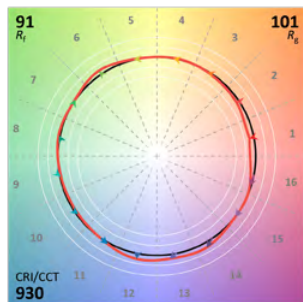
2.20' D; 307 FC
4.41' D; 77 FC
6.61' D; 34 FC
8.82' D; 19 FC
11.02' D; 12 FC

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

TM30 COLOR REPORTS

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

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



OUTPUT MULTIPLIER

Package	Multiplier
1200 lumens; 11W	0.56
1600 lumens; 16W	0.69
2000 lumens; 19W	0.89

CRI-CCT MULTIPLIERS

CCT	95 CRI	98+ CRI
2200K	0.80	--
2500K	0.85	--
2700K	0.92	0.73
3000K	1.00	0.75
3500K	1.04	0.79
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 @ 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

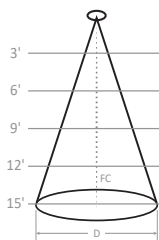
- Input Power: 15.3W
- Lumens: 939 lm
- Efficacy: 62 lm/W
- CBCP: 2110
- Beam Angle: 35.9°
- Field Angle: 65.5°
- Spacing Criteria: 0.65

∠	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



3' 1.07' D; 490 FC
6' 2.14' D; 122 FC
9' 3.21' D; 54 FC
12' 4.28' D; 31 FC
15' 5.34' D; 20 FC

3' 1.31' D; 332 FC
6' 2.62' D; 83 FC
9' 3.93' D; 37 FC
12' 5.24' D; 21 FC
15' 6.55' D; 13 FC

3' 1.94' D; 163 FC
6' 3.89' D; 41 FC
9' 5.83' D; 18 FC
12' 7.77' D; 10 FC
15' 9.72' D; 7 FC

3' 3.14' D; 77 FC
6' 6.27' D; 19 FC
9' 9.41' D; 9 FC
12' 12.55' D; 5 FC
15' 15.68' D; 3 FC

▪ 3000K to 1800K with 90+ CRI

▪ $R_A = 97$; $R_9 = 90$

▪ $R_f = 94$; $R_g = 104$

