

LCG LUCIE

LUCIE GRANDE 4" CANOPY MOUNT FIXTURE

MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 4500 lumens at 45W
- 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
- 1% dim-to-off with 0-10V or phase-cut controls
- Accommodates up to two accessories in addition to snoot



FIXTURE	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	MOUNTING	OPTIONS
LCG : Grande Lucie	5 : 120-277V, 1% DTO 0-10V or phase-cut controls	NSP ³ : 12° SP : 18° NFL : 25° FL : 39° WFL : 52°	9 : 95 CRI H ¹ : 98+ CRI	22 ²³ : 2200K 25 ² : 2500K 27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K 50 : 5000K	2500 ³ : 30W (NSP Only) 3200 : 28W 4000 : 36W 4500 : 45W	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 ⁴ : Honeycomb Louver SS : Solite Spread Lens SN ⁴ : Snoot SNxx : Mix + Match Snoot

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

²2200K, 2500K unavailable with 'H' - 98+ CRI

³NSP unavailable with 2200K; only available with 2500 lumen package

⁴HL recommended only with NSP, SP, or NFL; SN recommended only with NSP, SP, NFL or FL

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.

LCG LUCIE

J-, L-, H- | GAIA™ | GAIA+™
LUCIE GRANDE 4" TRACKHEAD

MOUNTING + ELECTRICAL + CONTROLS

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

OPTICS + PERFORMANCE

- 5 custom beam spreads available
 - Narrow Spot - 12° (30W; 2500 lumens only)
 - Spot - 18°
 - Narrow Flood - 25°
 - Flood - 39°
 - Wide Flood - 52°
- 4 performance packages
 - 30W; 2500 lumens (NSP Only)
 - 28W; 3200 lumens
 - 36W; 4000 lumens
 - 45W; 4500 lumens
 - 29W; 2200 lumens (Dim-to-warm)
- Color Temperatures
 - 95 CRI: 2200K, 2500K, 2700K, 3000K, 3500K, 4000K
 - 98+ CRI: 2700K, 3000K, 3500K, 4000K
- 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: 2.67 lbs.
- 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

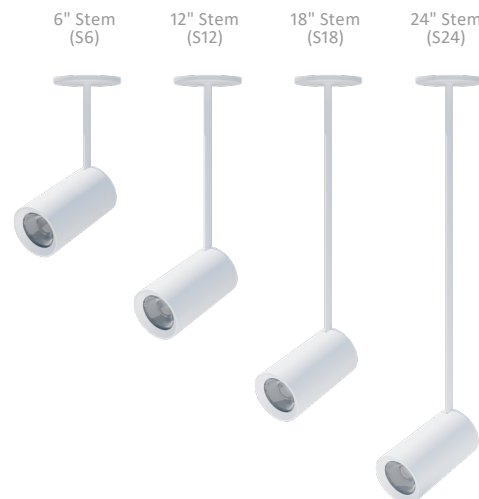
RATINGS + CERTIFICATIONS

- IP20 and IK08 rated
- 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

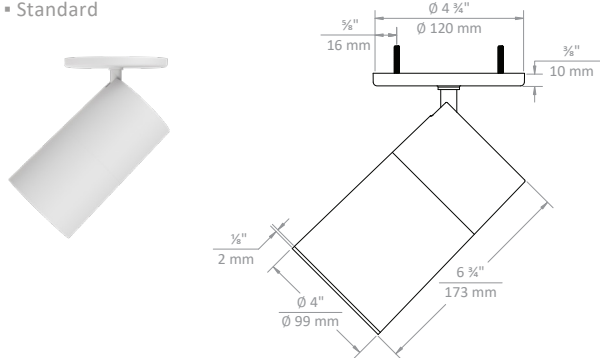
EXTENDED STEM DETAILS



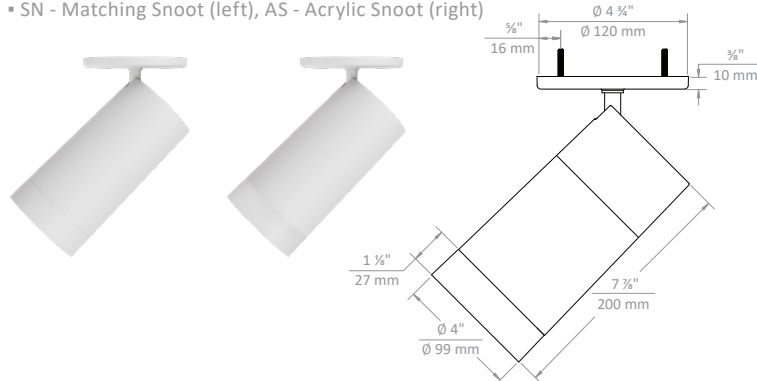
CANOPY MOUNT FOR 4" J-BOX (CM)

45°

- Standard

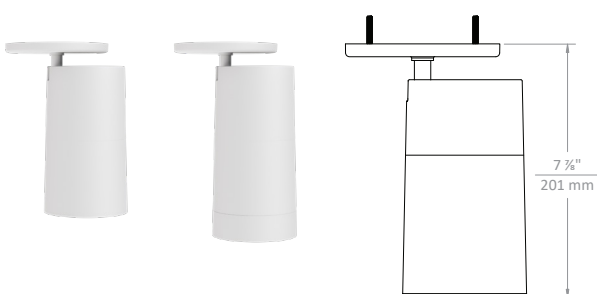


- SN - Matching Snoot (left), AS - Acrylic Snoot (right)



0°

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



90°

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



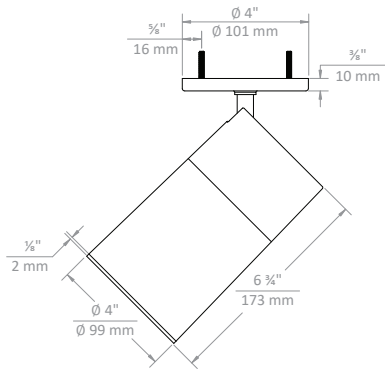
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LUCIE GRANDE 4" TRACKHEAD

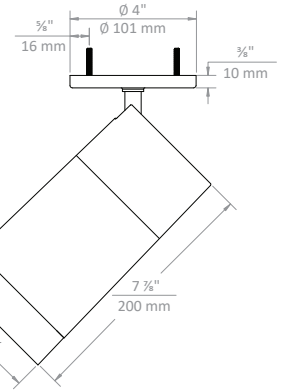
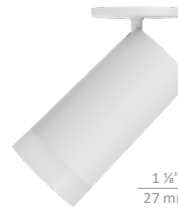
CANOPY MOUNT FOR 3.5" J-BOX (CMM)

45°

▪ Standard

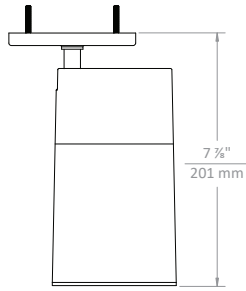


▪ SN - Matching Snoot (left), AS - Acrylic Snoot (right)



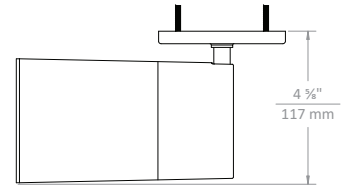
0°

▪ Standard (left), SN- Snoot (right)



90°

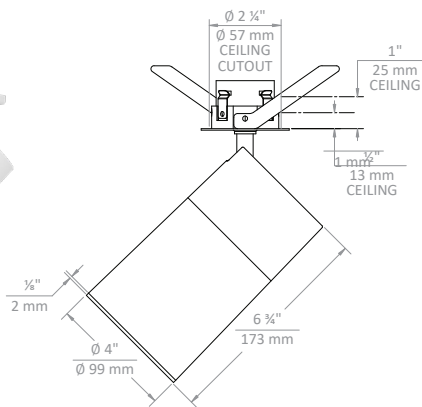
▪ Standard (left), SN- Snoot (right)



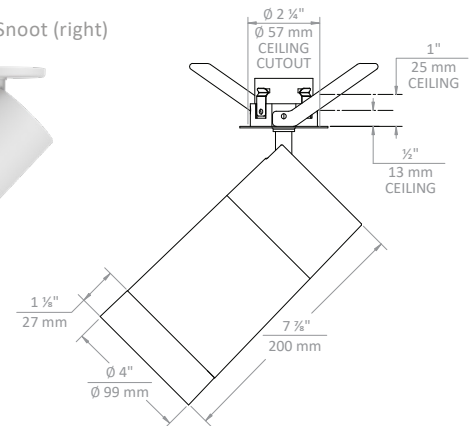
DISCREET CANOPY WITH INTEGRATED J-BOX (DC)

45°

▪ Standard

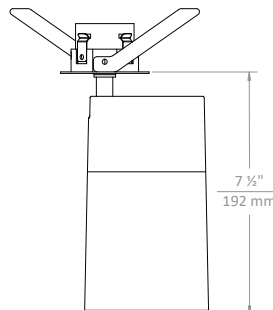


▪ SN - Matching Snoot (left), AS - Acrylic Snoot (right)



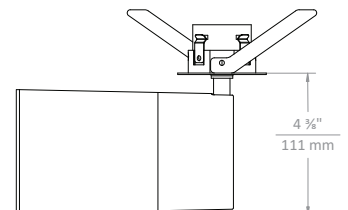
0°

▪ Standard (left), SN- Snoot (right)



90°

▪ Standard (left), SN- Snoot (right)



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LUCIE GRANDE 4" TRACKHEAD

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.

Standard Finishes



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(BG)



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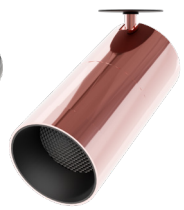
Chrome
(CR)



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(RC)



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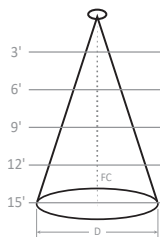
PHOTOMETRIC DETAILS | baseline X output multiplier X cri-cct multiplier = final output

Baseline data shown below for 45W, 4500 lumens, 3000K, 95 CRI

NSP - 12° Narrow Spot

- Input Power: 30.0 W
- Lumens: 2547 lm
- Efficacy: 84 lm/W
- CBCP: 36979 cd
- Beam Angle: 12.9°
- Field Angle: 22.7°
- Spacing Criteria: 0.23

∠	0°	45°	90°
0°	36801	36801	36801
5°	25916	26347	27907
10°	6252	6317	7152
15°	1486	1427	1545
20°	738	737	781
25°	421	422	441
30°	235	237	246
35°	131	135	138
40°	84	87	89
45°	58	59	60



3'	0.68' D; 2862 FC
6'	1.36' D; 716 FC
9'	2.03' D; 318 FC
12'	2.71' D; 179 FC
15'	3.39' D; 115 FC

SP - 18° Spot

- Input Power: 45.0 W
- Lumens: 4215 lm
- Efficacy: 94 lm/W
- CBCP: 32247 cd
- Beam Angle: 18.9°
- Field Angle: 32.1°
- Spacing Criteria: 0.33

∠	0°	45°	90°
0°	32212	32212	32212
5°	28308	28491	28908
10°	15378	15625	16472
15°	4141	4267	4658
20°	1473	1506	1647
25°	746	772	819
30°	410	429	456
35°	235	243	260
40°	147	151	160
45°	100	102	105

3'	1.00' D; 2505 FC
6'	2.00' D; 626 FC
9'	3.00' D; 278 FC
12'	3.99' D; 157 FC
15'	4.99' D; 100 FC

NFL - 25° Narrow Flood

- Input Power: 45.0 W
- Lumens: 4522 lm
- Efficacy: 101 lm/W
- CBCP: 23033 cd
- Beam Angle: 25.9°
- Field Angle: 38.3°
- Spacing Criteria: 0.46

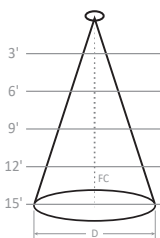
∠	0°	45°	90°
0°	23026	23026	23026
5°	21600	21540	21688
10°	16769	16890	17241
15°	8169	8408	8988
20°	2222	2303	2607
25°	558	555	600
30°	194	192	204
35°	98	99	103
40°	62	63	65
45°	53	53	54

3'	1.38' D; 1791 FC
6'	2.76' D; 448 FC
9'	4.14' D; 199 FC
12'	5.52' D; 112 FC
15'	6.90' D; 72 FC

FL - 39° Flood

- Input Power: 45.0 W
- Lumens: 4402 lm
- Efficacy: 98 lm/W
- CBCP: 9571 cd
- Beam Angle: 39.6°
- Field Angle: 58.0°
- Spacing Criteria: 0.72

∠	0°	45°	90°
0°	9414	9414	9414
5°	9464	9407	9335
10°	9261	9247	9116
15°	7782	7914	7891
20°	4970	5152	5241
25°	2403	2504	2574
30°	817	875	907
35°	259	257	270
40°	118	117	123
45°	74	75	78



3'	2.16' D; 732 FC
6'	4.32' D; 183 FC
9'	6.48' D; 81 FC
12'	8.64' D; 46 FC
15'	10.80' D; 29 FC

WFL - 54° Wide Flood

- Input Power: 45.0 W
- Lumens: 4422 lm
- Efficacy: 99 lm/W
- CBCP: 5855 cd
- Beam Angle: 53.9°
- Field Angle: 73.3°
- Spacing Criteria: 1.02

∠	0°	45°	90°
0°	5501	5501	5501
5°	5760	5743	5670
10°	5792	5746	5701
15°	5311	5262	5178
20°	4669	4584	4526
25°	3833	3757	3815
30°	2423	2401	2590
35°	953	976	1124
40°	269	271	316
45°	117	119	137

3'	3.05' D; 428 FC
6'	6.10' D; 107 FC
9'	9.15 D; 48 FC
12'	12.20' D; 27 FC
15'	15.25' D; 17 FC

OUTPUT MULTIPLIER

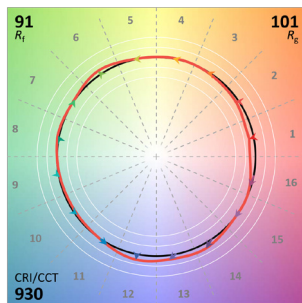
Package	Multiplier
4000 lumens; 36W	0.86
3200 lumens; 28W	0.72

CRI-CCT MULTIPLIERS

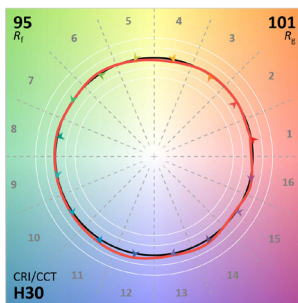
CCT	95 CRI	98+ CRI
2200K	0.89	0.86
2500K	0.93	0.90
2700K	0.96	0.93
3000K	1.00	0.94
3500K	1.03	0.94
4000K	1.04	0.80
5000K	1.04	0.81

TM30 COLOR REPORTS

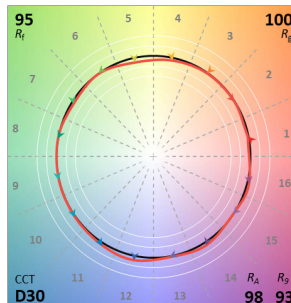
- 3000K with 95 CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



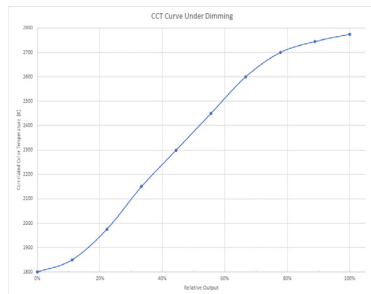
- 3000K with 98+ CRI
- $R_A = 98$; $R_g = 96$
- $R_f = 95$; $R_g = 101$



- 3000K to 1800K with 98+ CRI
- $R_A = 98$; $R_g = 93$
- $R_f = 95$; $R_g = 100$



DIM TO WARM DETAILS | Dim to Warm only available with NFL, FL, and WFL beam spreads @ 29W; 2200 lumens; 90+CRI



SP - 20° Narrow Flood

- Input Power: 29.0 W
- Lumens: 2113 lm
- Efficacy: 72 lm/W
- CBCP: 15646 cd
- Beam Angle: 19.4°
- Field Angle: 32.8°
- Spacing Criteria: 0.34

∠	0°	45°	90°
0°	15628	15628	15628
5°	13857	13748	13741
10°	7534	8178	8251
15°	2211	2422	2503
20°	740	799	828
25°	351	372	382
30°	186	197	203
35°	108	114	117
40°	72	75	76
45°	49	51	51

NFL - 27° Narrow Flood

- Input Power: 29.0 W
- Lumens: 2231 lm
- Efficacy: 76 lm/W
- CBCP: 10888 cd
- Beam Angle: 26.8°
- Field Angle: 46.0°
- Spacing Criteria: 0.48

∠	0°	45°	90°
0°	10878	10878	10878
5°	10389	10147	10027
10°	8337	8314	8103
15°	4479	4635	4426
20°	1294	1341	1259
25°	287	288	273
30°	88	88	85
35°	42	43	42
40°	26	26	26
45°	22	22	22

FL - 39° Flood

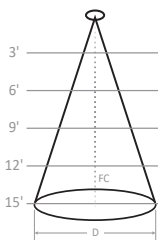
- Input Power: 29.0 W
- Lumens: 2159 lm
- Efficacy: 74 lm/W
- CBCP: 4561 cd
- Beam Angle: 39.5°
- Field Angle: 58.0°
- Spacing Criteria: 0.72

∠	0°	45°	90°
0°	4301	4301	4301
5°	4380	4317	4329
10°	4446	4395	4424
15°	3873	4016	4030
20°	2608	2703	2695
25°	1266	1317	1317
30°	440	477	464
35°	133	149	144
40°	62	68	65
45°	39	40	39

WFL - 55° Wide Flood

- Input Power: 29.0 W
- Lumens: 2186 lm
- Efficacy: 74 lm/W
- CBCP: 2758 cd
- Beam Angle: 55.4°
- Field Angle: 74.6°
- Spacing Criteria: 1.05

∠	0°	45°	90°
0°	2611	2611	2611
5°	2653	2630	2644
10°	2673	2637	2681
15°	2410	2525	2593
20°	2043	2222	2304
25°	1714	1838	1853
30°	1178	1255	1206
35°	547	555	504
40°	189	172	152
45°	90	78	69



1.03' D; 1216 FC

2.05' D; 304 FC

3.08' D; 135 FC

4.10' D; 76 FC

5.13' D; 49 FC

1.43' D; 846 FC

2.86' D; 212 FC

4.29' D; 94 FC

5.72' D; 53 FC

7.15' D; 34 FC

2.15' D; 335 FC

4.31' D; 84 FC

6.46' D; 37 FC

8.62' D; 21 FC

10.77' D; 13 FC

3.15' D; 203 FC

6.30' D; 51 FC

9.45' D; 23 FC

12.60' D; 13 FC

15.75' D; 8 FC