

PROJECT

TYPE

SPECIFIER

MEMO

ORDERING CODE BREAKDOWN

LCG LUCIE

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

MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 4500 lumens at 45W
- 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
- Concealed adapters designed to be used with Solais' Architectural Gaia+ 120-277V track systems



FIXTURE	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	MOUNTING	OPTIONS
LCG : Grande Lucie	5 : 120V, 1% DTO 0-10V/ phase-cut dimming	NSP ³ : 12°	9 : 95 CRI	22 ² : 2200K	2500 ³ : 30W (NSP Only)	PW : Perfect White	J : 120V, 1/1	LS : Linear Spread Lens
		SP : 18°	H ¹ : 98+ CRI	25 ² : 2500K	3200 : 28W	BK : Black	H : 120V, 1/1	HL ⁴ : Honeycomb Louver
		NFL : 25°		27 : 2700K	4000 : 36W	SV : Silver	L : 120V, 1/1	SS : Solite Spread Lens
		FL : 39°		30 : 3000K	4500 : 45W	BA : Brushed Aluminum	GPc : Gaia+ 120V, 2/2, concealed adapter	SN ⁴ : Snoot
		WFL : 52°		35 : 3500K		BG : Brushed Gold	GPxc : Gaia+ 120V, 3/1, concealed adapter	SNxx : Mix + Match Snoot
				40 : 4000K		GD : Gold	Gc : G-type 120-277V, 2/2, concealed adapter	
						BZ : Bronze	Gxc : Gx-type 120-277V, 3/1, concealed adapter	
						CR : Chrome		
						RC : Rose Gold Chrome		
						BC : Black Chrome		
						GC : Gold Chrome		

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
Consult factory for stem custom orders.

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MOUNTING + ELECTRICAL + CONTROLS

- 1% dim-to-off with 0-10V or phase-cut controls
- J-type, L-type, H-type: 120V, 1-circuit/1-neutral or 2-circuit/1-neutral; phase-cut dimming; Low profile adapter
- GPc-type*: 120V, 2-circuit/2-neutral; 0-10V dimming; Compatible with Solais Gaia+ GP12
- GPxc-type*: 120V, 3-circuit/1-neutral; 0-10V dimming; Compatible with Solais Gaia+ GP13
- Gc-type*: 120V-277V, 2-circuit/2-neutral; phase-cut dimming (non-dimming on 277V); Compatible with Solais Gaia+ GP12, GP22, Nordic TEK, HTEK
- Gxc-type*: 120V, 3-circuit/1-neutral; phase-cut dimming; Compatible with Solais Gaia+ GP13, XTS, XTSC, GNC7, Hoffmeister, Eutrac, iGuzzini, Zumtobel, Erco

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: 2.5 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)

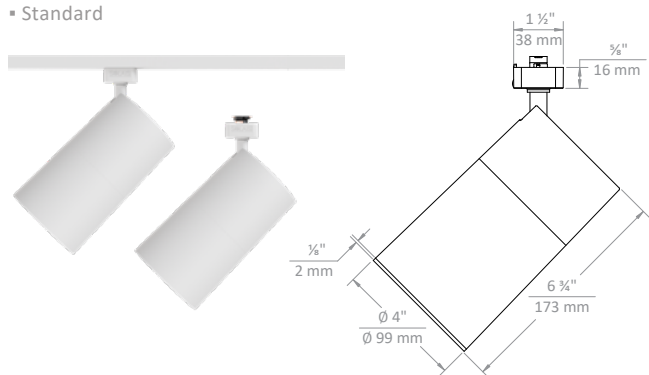
WARRANTY

- 5-year warranty

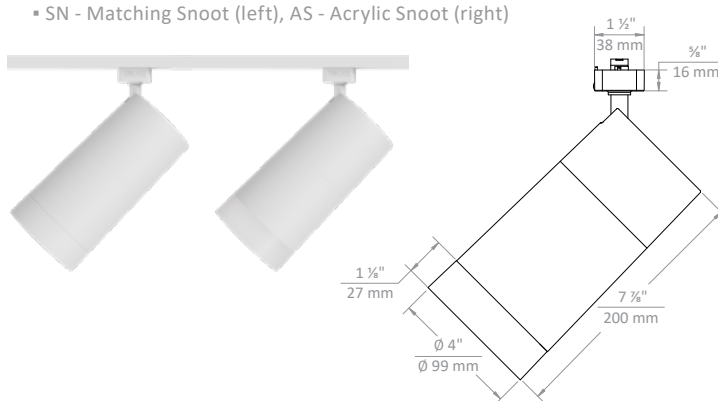
J-, L-, H-TYPE ADAPTERS

45°

- Standard

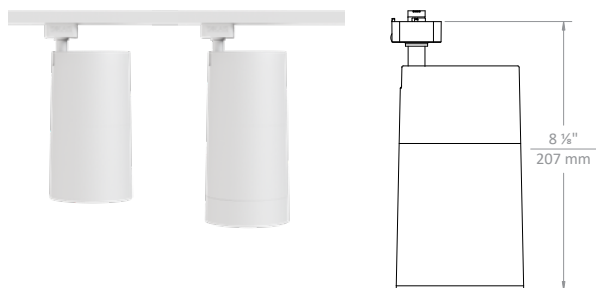


- SN - Matching Snoot (left), AS - Acrylic Snoot (right)



0°

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



90°

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



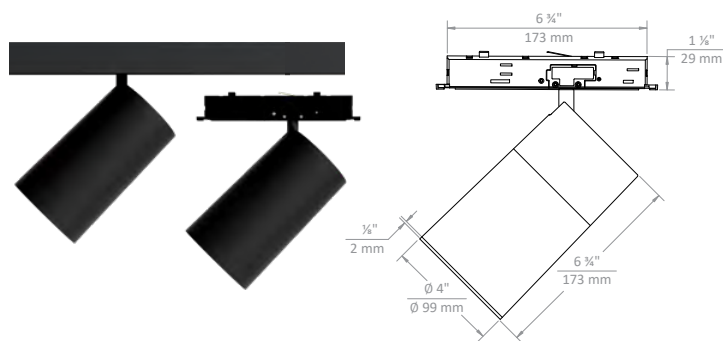
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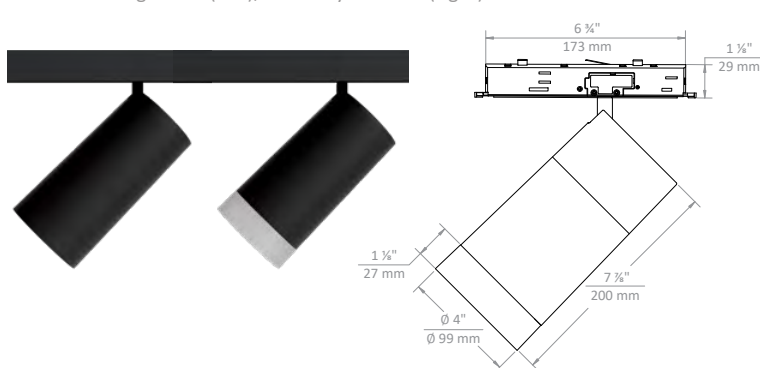
GPC, GPxc, Gc, GXc ADAPTERS

45°

▪ Standard



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



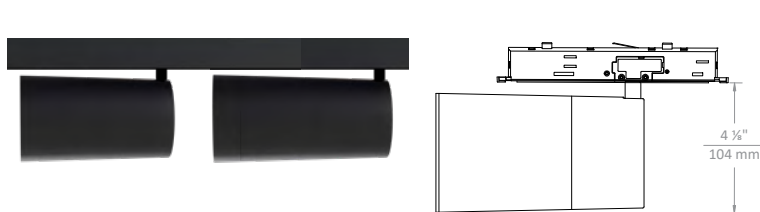
0°

▪ 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)

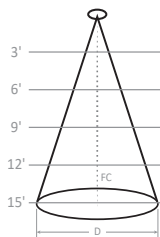
PHOTOMETRIC DETAILS | baseline X output multiplier X cri-cct multiplier = final output

Baseline data shown below for 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

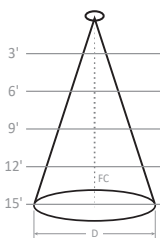
∠	0°	45°	90°
0°	23026	23026	23026
5°	21600	21540	21688
10°	16769	16890	17241
15°	8169	8408	8988
20°	2222	2303	2607
25°	558	555	600
30°	194	192	204
35°	98	99	103
40°	62	63	65
45°	53	53	54

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

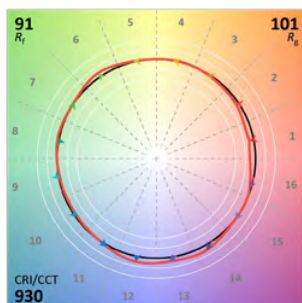
Package	Multiplier
4000 lumens; 36W	0.86
3200 lumens; 28W	0.72

CRI-CCT MULTIPLIERS

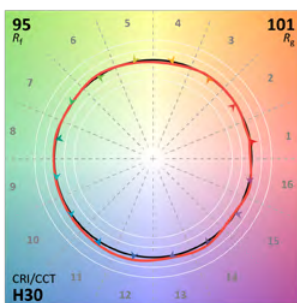
CCT	95 CRI	98+ CRI
2200K	0.89	0.86
2500K	0.93	0.90
2700K	0.96	0.93
3000K	1.00	0.94
3500K	1.03	0.94
4000K	1.04	0.80
5000K	1.04	0.81

TM30 COLOR REPORTS

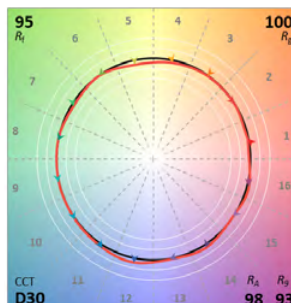
- 3000K with 95 CRI
- $R_A = 95$; $R_g = 62$
- $R_f = 91$; $R_g = 101$



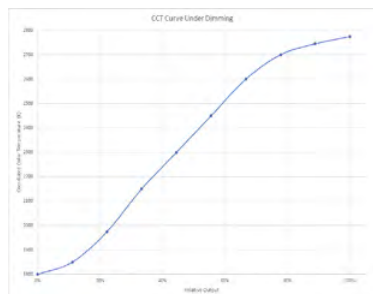
- 3000K with 98+ CRI
- $R_A = 98$; $R_g = 96$
- $R_f = 95$; $R_g = 101$



- 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

