

LCM LUCIE

J-, L-, H- | GAIA™ | GAIA+™
LUCIE MEDIUM 3" TRACKHEAD

MAIN FEATURES

- 95 CRI Standard
- 359° rotation; 0-90° head tilt
- Delivering up to 2300 lumens at 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
- 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
LCM : Medium Lucie	1 : 120V, 1% phase-cut dimming	NSP : 15°	9 : 95 CRI	22 ³ : 2200K	2000 : 19W	PW : Perfect White	J : 120V, 1/1	LS : Linear Spread Lens
	2 : 120-277V, 1% 0-10V dimming	NFL : 24°	H ¹ : 98+ CRI	25 ³ : 2500K	2300 : 24W	BK : Black	H : 120V, 1/1	HL ⁴ : Honeycomb Louver
		MFL : 30°	M ² : Monowhite	27 : 2700K		SV : Silver	L : 120V, 1/1	SS : Solite Spread Lens
		FL : 40°		30 : 3000K		BA : Brushed Aluminum	G : Gaia 120V, 2/2	SN ⁴ : Snoot
		WFL : 52°		35 : 3500K		BG : Brushed Gold	Gx : Gaia 120V, 3/1	ASN : Angle Cut Snoot
				40 : 4000K		GD : Gold	G2 : Gaia 277V, 2/2	SNxx : Mix + Match Snoot
				50 : 5000K		BZ : Bronze	G1 : Gaia 220-240V, 1/1	
						CR : Chrome	G3 : Gaia 220-240V, 3/1	AS : Frosted Acrylic Snoot
						RC : Rose Gold Chrome	GP : Gaia+ 120V, 2/2	
				BC : Black Chrome		GPx : Gaia+ 120V, 3/1		
				GC : Gold Chrome		GP2 : Gaia+ 277V, 2/2		
						GPc : Gaia+ 120V, 2/2, concealed adapter		
						GPxc : Gaia+ 120V, 3/1, concealed adapter		
						GP2c : Gaia+ 277V, 2/2, concealed adapter		

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

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

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

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

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

MOUNTING + ELECTRICAL + CONTROLS

- J-type, L-type, H-type: 120V, 1-circuit/1-neutral or 2-circuit/1-neutral; phase-cut dimming; Low profile adapter
- GP-type: 120V, 1-circuit/1-neutral; 0-10V dimming; Compatible with Solais Gaia+ GP12
- GPx-type: 120V, 3-circuit/1-neutral; 0-10V dimming; Compatible with Solais Gaia+ GP13, including Gaia+ Bends
- GP2-type: 277V, 2-circuit/2-neutral; 0-10V dimming; Compatible with Solais Gaia+ GP22
- G-type: 120V, 2-circuit/2-neutral; phase-cut dimming; Compatible with Solais Gaia+ GP12, Nordic TEK
- Gx-type*: 120V, 3-circuit/1-neutral; phase-cut dimming; Compatible with Solais Gaia+ GP13, XTS, XTSC, GNC7, Hoffmeister, Eutrac, iGuzzini, Zumtobel, Erco
- G2-type*: 277V, 2-circuit/2-neutral; non-dimming; Compatible with Solais Gaia+ GP22, Nordic HTEK
- G1-type*: 220-240V, 1-circuit/1-neutral; non-dimming; Compatible with Nordic Global Trac Base (GB)
- G3-type*: 220-240V, 3-circuit/1-neutral; non-dimming; Compatible with Nordic Global Trac Pro (XTS), Stucchi 9000-series
- 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
- GP2c-type*: 277V, 2-circuit/2-neutral; 0-10V dimming; Compatible with Solais Gaia+ GP22
- Gc-type*: 120V-277V, 2-circuit/2-neutral; phase-cut dimming (non-dimming on 277V); Compatible with Solais Gaia+ GP12, GP22, Nordic TEK, HTEK
- G2c-type*: 277V, 2-circuit/2-neutral; non-dimming; Compatible with Solais Gaia+ GP22, Nordic HTEK

CONSTRUCTION + FINISH

- Weight: 13.4 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)

OPTICS + PERFORMANCE

- 5 custom beam spreads available
 - Narrow Spot - 15°
 - Narrow Flood - 24°
 - Medium Flood - 30°
 - Flood - 40°
 - Wide Flood - 52°
- 2 performance packages
 - 19W; 2000 lumens
 - 24W; 2300 lumens
- 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

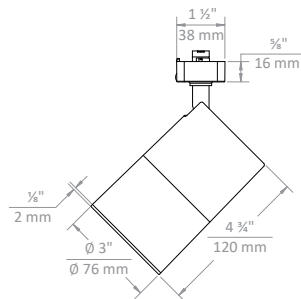
WARRANTY

- 5-year warranty

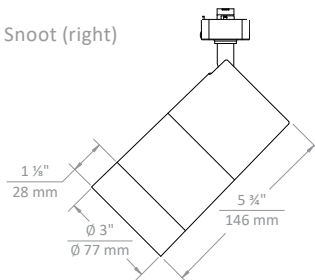
J-, L-, H-TYPE ADAPTERS

45°

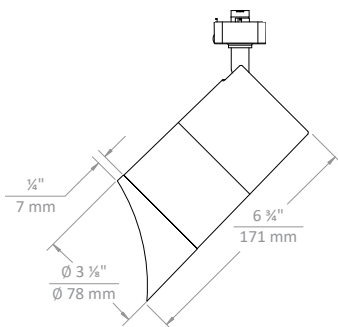
- Standard



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

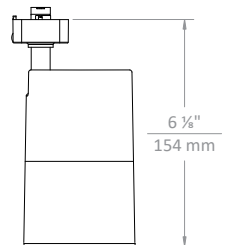


- ASN - Angle Cut Snoot



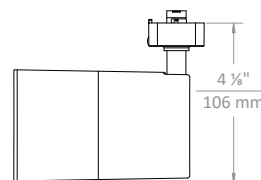
0°

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



90°

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



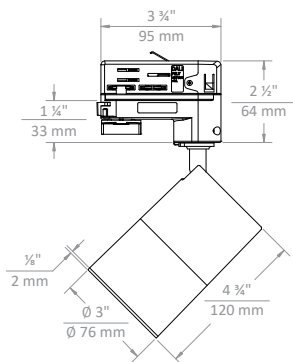
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G, G2, GP, GP2-TYPE ADAPTER

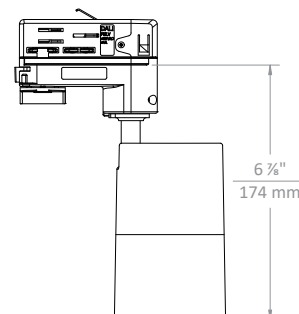
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▪ Standard

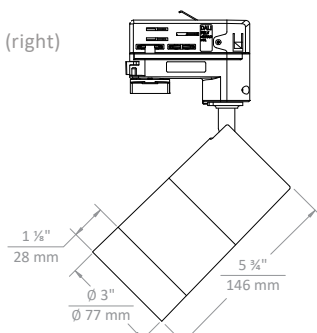


0°

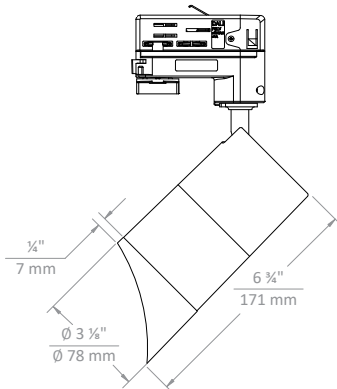
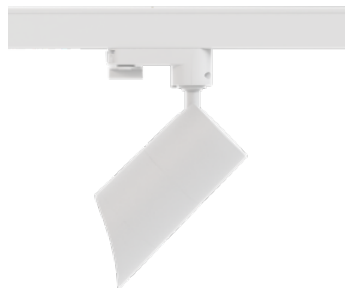
▪ Standard (left), SN- Snoot (right)



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

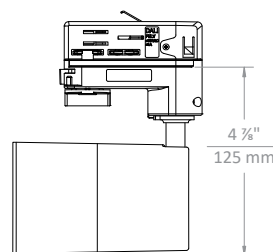


▪ ASN - Angle Cut Snoot



90°

▪ Standard (left), SN- Snoot (right)



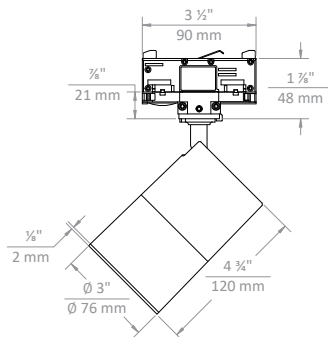
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GX, GPX TYPE ADAPTER

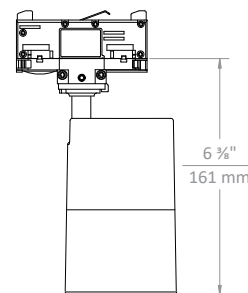
45°

▪ Standard

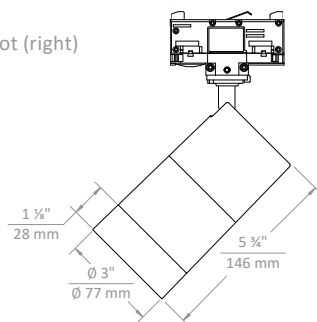


0°

▪ Standard (left), SN- Snoot (right)



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

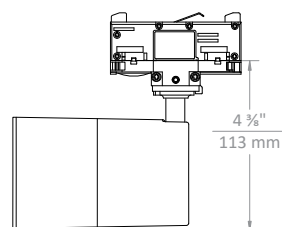
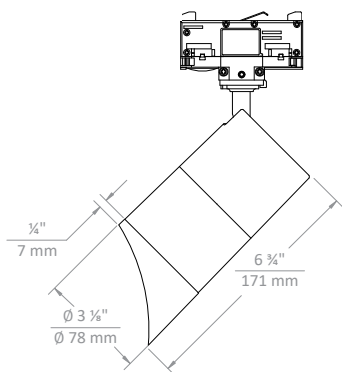


90°

▪ Standard (left), SN- Snoot (right)



▪ ASN - Angle Cut Snoot



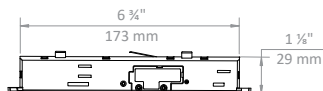
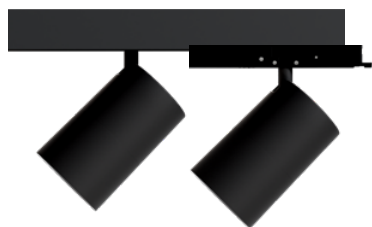
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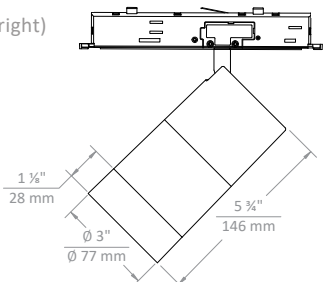
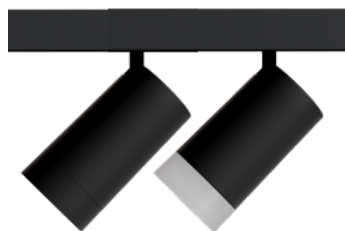
GPc, GPXc, GP2c TYPE ADAPTERS

45°

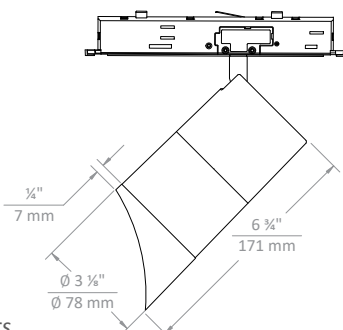
▪ Standard



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

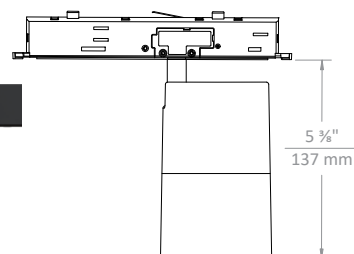


▪ ASN - Angle Cut Snoot



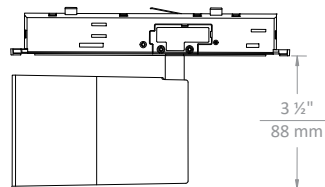
0°

▪ 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)

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)

Mix + Match



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

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

Baseline data shown below for LCM/1/_/_/930/2300/_/_/_ — 24W, 2300 lumens, 3000K, 95 CRI

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

MFL - 30° Medium Flood

- Input Power: 24.4 W
- Lumens: 2346 lm
- Efficacy: 96 lm/W
- CBCP: 6562
- Beam Angle: 29.6°
- Field Angle: 56.7°
- Spacing Criteria: 0.53

∠	0°	45°	90°
0°	6518	6518	6518
5°	6256	6108	6047
10°	5143	4915	4803
15°	3531	3299	3207
20°	2079	1942	1885
25°	1096	1029	1005
30°	585	542	531
35°	315	292	283
40°	165	151	146
45°	79	72	69

FL - 40° Flood

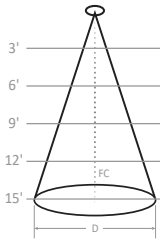
- Input Power: 24.4 W
- Lumens: 2326 lm
- Efficacy: 95 lm/W
- CBCP: 3955
- Beam Angle: 40.4°
- Field Angle: 71.9°
- Spacing Criteria: 0.73

∠	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



0.82' 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

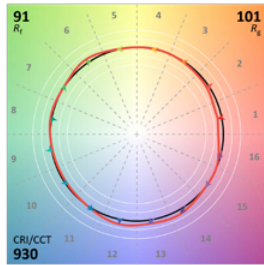
1.58' D; 507 FC
3.16' D; 127 FC
4.75' D; 56 FC
6.33' D; 32 FC
7.91' D; 20 FC

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

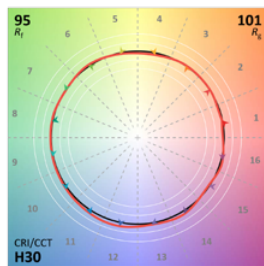
2.90' D; 196 FC
5.79' D; 49 FC
8.69' D; 22 FC
11.59' D; 12 FC
14.49' D; 8 FC

TM30 COLOR REPORTS

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



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



DLC DETAILS

LCM	VNSP	NFL	MFL	FL	WFL
2000 lumens	n/a	DLC	DLC	DLC	DLC
2300 lumens	n/a	DLC	DLC	DLC	DLC

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
2000 lumens; 19 W	0.83