

LCM LUCIE

J-, L-, H- | GAIA™ | GAIA+™
3" ANGLE CUT SNOOT 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
- Concealed adapters designed to be used with Solais' Architectural Gaia+ 120-277V track systems
- Angle cut snoot for a controlled, low-glare, elongated beam of light



FIXTURE	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	MOUNTING
LCM : Medium Lucie	1 : 120V, 1% phase-cut dimming	NW : Narrow Wall Wash	9 : 95 CRI	22 ² : 2200K	2000 : 19W	PW : Perfect White	J : 120V, 1/1
	2 : 120-277V, 1% 0-10V dimming	FW : Flood Wall Wash	H ¹ : 98+ CRI	25 ² : 2500K	2300 : 24W	BK : Black	H : 120V, 1/1
		WW : Wide Wall Wash		27 : 2700K		SV : Silver	L : 120V, 1/1
				30 : 3000K		BA : Brushed Aluminum	G : Gaia 120V, 2/2
				35 : 3500K		BG : Brushed Gold	Gx : Gaia 120V, 3/1
				40 : 4000K		GD : Gold	G2 : Gaia 277V, 2/2
				50 : 5000K		BZ : Bronze	G1 : Gaia 220-240V, 1/1
						CR : Chrome	G3 : Gaia 220-240V, 3/1
						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.

²2200K, 2500K are only available with '9' and are 90+ CRI

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
- Gxc-type*: 120V, 3-circuit/1-neutral; phase-cut dimming; Compatible with Solais Gaia+ GP13, XTS, XTSC, GNC7, Hoffmeister, Eutrac, iGuzzini, Zumtobel, Erco
- 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

OPTICS + PERFORMANCE

- 3 custom beam spreads available
 - Narrow Wall Wash : H = $\pm 60^\circ$ $\pm 90^\circ$; V = $\pm 25^\circ$ $\pm 50^\circ$
 - Flood Wall Wash : H = $\pm 70^\circ$ $\pm 105^\circ$; V = $\pm 40^\circ$ $\pm 70^\circ$
 - Wide Wall Wash : H = $\pm 80^\circ$ $\pm 110^\circ$; V = $\pm 50^\circ$ $\pm 80^\circ$
- 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
- Fixture life:
 - Full power: 50,000 hrs
 - 75% power: 100,000 hrs
 - Below 50% power: 125,000 hrs
- LED 90% lumen maintenance (LM90): 60,000 hrs

RATINGS + CERTIFICATIONS

- IP20 and IK08 rated
- DLC listings (*family code: IIIONW*)
- UL and cUL Listed for dry location (*E487826*)
- CEC, Title 24, JA8 + JA10 compliant

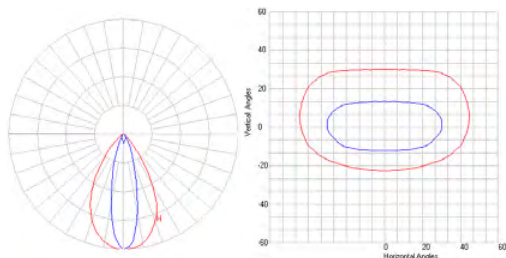
WARRANTY

- 5-year warranty

BEAM SPREAD DETAILS

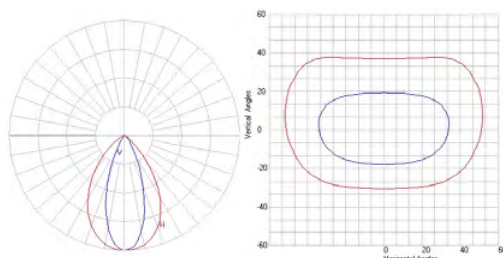
Narrow Wall Wash (NW)

- Horizontal = $\pm 60^\circ$ $\pm 90^\circ$
- Vertical = $\pm 25^\circ$ $\pm 50^\circ$



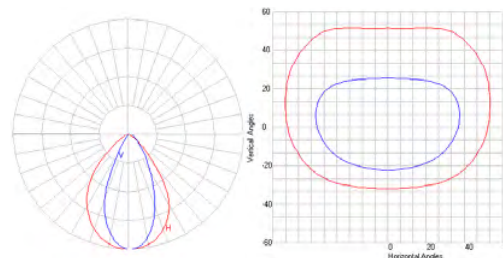
Flood Wall Wash (FW)

- Horizontal = $\pm 70^\circ$ $\pm 105^\circ$
- Vertical = $\pm 40^\circ$ $\pm 70^\circ$



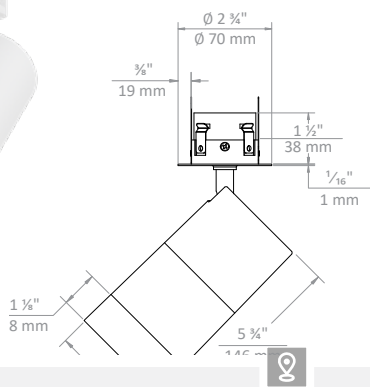
Wide Wall Wash (WW)

- Horizontal = $\pm 80^\circ$ $\pm 110^\circ$
- Vertical = $\pm 50^\circ$ $\pm 80^\circ$

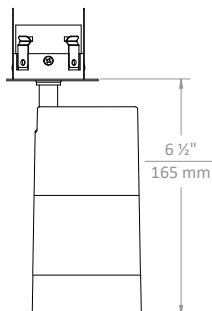


J, L, H ADAPTERS

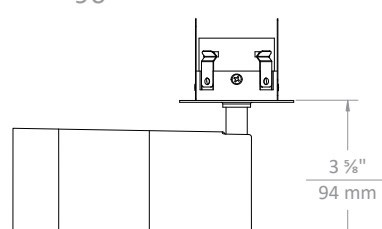
45°



0°



90°

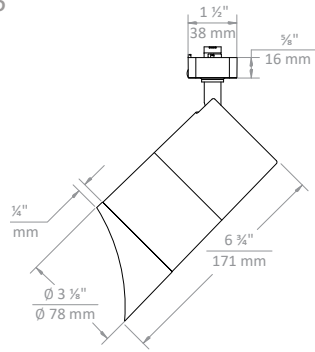


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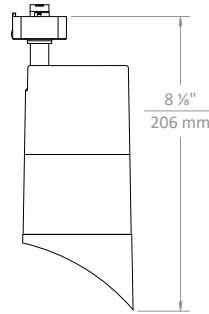
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G, G2, GP, GP2 ADAPTERS

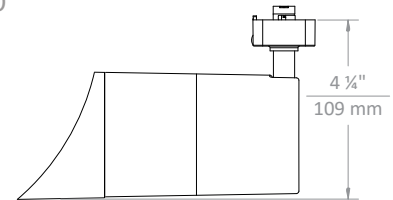
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0°

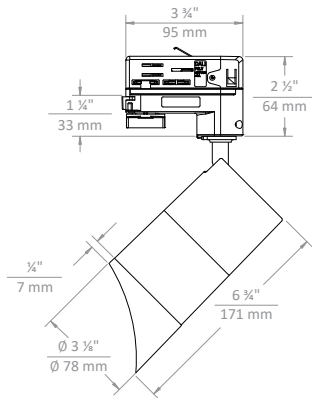


90°

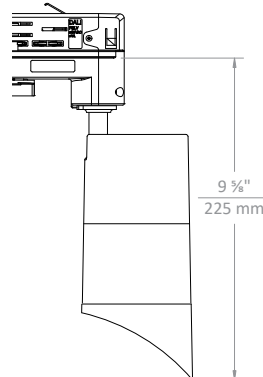


GX, GPX ADAPTERS

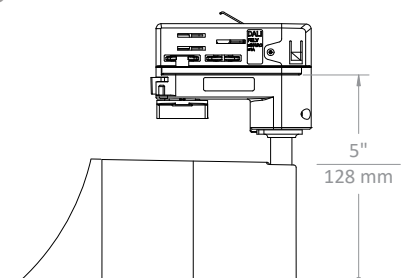
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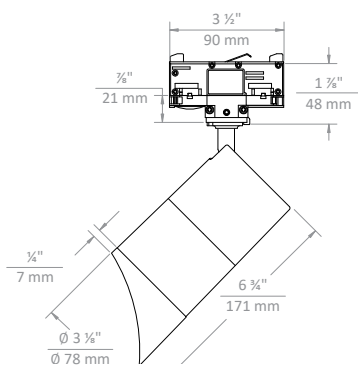


90°

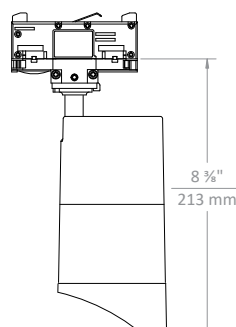


GPc, GPc, GP2c ADAPTERS

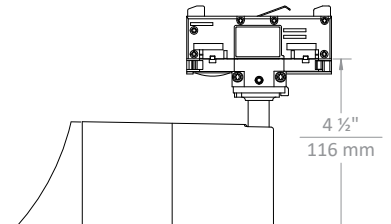
45°



0°



90°

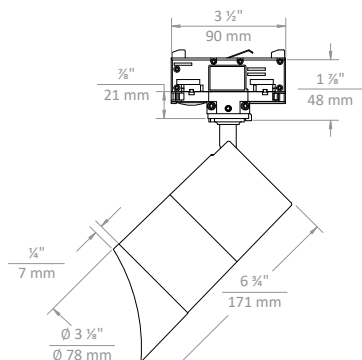


LCM LUCIE

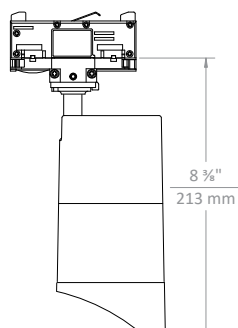
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GPC, GPC, GP2c ADAPTERS

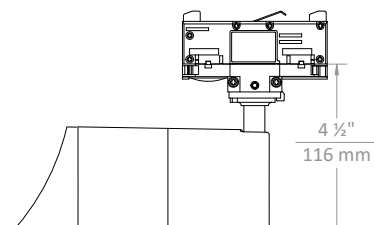
45°



0°



90°



FINISHES Shown with snoots and hex louvers.

Standard Finishes



Mix + Match



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

Signature Series Finishes



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

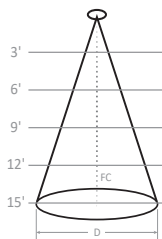
- Input Power: 24.4 W
- Lumens: 2326 lm
- Efficacy: 95 lm/W
- CBCP: 3955
- Beam Angle: 40.4°
- Field Angle: 71.9°
- Spacing Criteria: 0.73

∠	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

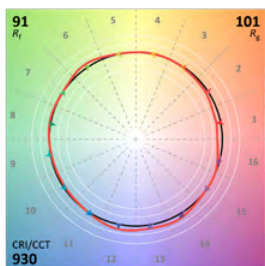
1.58' D; 507 FC
3.16' D; 127 FC
4.75' D; 56 FC
6.33' D; 32 FC
7.91' D; 20 FC

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

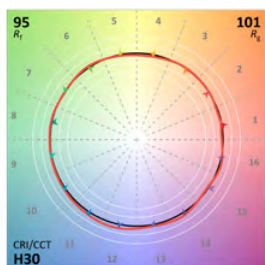
2.90' D; 196 FC
5.79' D; 49 FC
8.69' D; 22 FC
11.59' D; 12 FC
14.49' D; 8 FC

TM30 COLOR REPORTS

- 3000K with 95 CRI
- R_A = 95; R₉ = 62
- R_f = 91; R_g = 101



- 3000K with 98+ CRI
- R_A = 98; R₉ = 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