

## MEDIUM DROPLIT POWERED BY LUCIE 3" CANOPY MOUNT PENDANT

PROJECT \_\_\_\_\_ TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_ MEMO \_\_\_\_\_

ORDERING CODE BREAKDOWN

### MAIN FEATURES

- 95 CRI Standard; 98+ CRI option available
- Modular platform with integrated driver provides easy maintenance for individual components above and below the ceiling
- Solais' proprietary driver technology delivers smooth, flicker-free dimming (per IEEE 1789-2015) to 1% via phase-cut or 0-10V
- Custom TIR optic platform to ensure smooth beams and excellent light control with no need for a solite lens
- Accommodates up to two accessories, plus snoot



Perfect White, Silver + SN, Black + AS



FIXTURE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	CABLE + CANOPY	CABLE + CANOPY FINISH	POWER SUPPLY	MODULE OPTIONS	FIELD OPTIONS
MDR	VNSP : 11°	9 : 95 CRI	22 : 2200K	600 : 9W	PW : Perfect White	CM1 : Discreet Canopy; 10' cable	PW : Perfect White Canopy and Cable	120P : 120V, 1% phase-cut dimming	AS : Acrylic Snoot	CASPC : Casambi Wireless Phase-cut Node
	NSP : 15°	H : 98+ CRI	25 : 2500K	1000 : 10W	BK : Black	CM2 : Discreet Canopy; 20' cable	BK : Black Canopy and Cable	UNV3 : 120-277V, 1% Phase-cut/ 0-10V dimming	SN : Snoot	CAS10 : Casambi Wireless 0-10V Node
	NFL : 24°	D : Dim-to-Warm	27 : 2700K	1500 : 16W	SV : Silver	TCM1 : Tall Canopy; 10' cable		UNV2 : 120-277V, 1% Phase-cut/ 0-10V dimming	HL : Honeycomb Louver	
	MFL : 30°		30 : 3000K	2000 : 22W	BG : Brushed Gold	TCM2 : Tall Canopy; 20' cable		UNV4 : 120-277V, 0.1% DALI-2 D4i DT6/DT8	LS : Linear Spread Lens	
	FL : 40°		35 : 3500K	2300 : 24W	BA : Brushed Aluminum				SS : Solite Spread Lens	
	WFL : 52°		40 : 4000K		CR : Chrome					
			50 : 5000K		BZ : Bronze					
					BC : Black Chrome					
					RC : Rose Gold Chrome					
					GD : Gold					
					GC : Gold Chrome					

Notes: Dim to Warm is 98+ CRI, 1000 lumens only. Unavailable with NSP. 2200K, 2500K, and NSP are only available with '9' and are 90+ CRI. Consult factory for mixing and matching finishes of fixtures and/or snoots

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## MEDIUM DROPLIT POWERED BY LUCIE 3" CANOPY MOUNT PENDANT

### OPTICS + PERFORMANCE

- 4 custom beam spreads available
  - Narrow Spot - 15°
  - Narrow Flood - 23°
  - Flood - 36°
  - Wide Flood - 60°
- 4 performance packages
  - 10W; 1000 lumens
  - 16W; 1500 lumens
  - 22W; 2000 lumens
  - 24W; 2300 lumens
- Color Temperatures
  - 95 and 98+ CRI: 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K
  - Dim to Warm: 3000K to 1800K
- 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

### ELECTRICAL + CONTROLS

- 120V: <1% Phase-cut dimming (*discreet canopy*)
- 120-277V: <1% Phase-cut or 0-10V dimming (*tall canopy*)

### CONSTRUCTION + FINISH

- Weight: 1.6 lbs.
- Die-cast aluminum alloy housing for optimal thermal performance
- Field-cutable cable; 10' provided standard
- Standard finishes (*consult factory for custom*):
  - White: RAL 9003
  - Black: RAL 9005
  - Silver: RAL 7001
- Solais Signature Series finishes also available

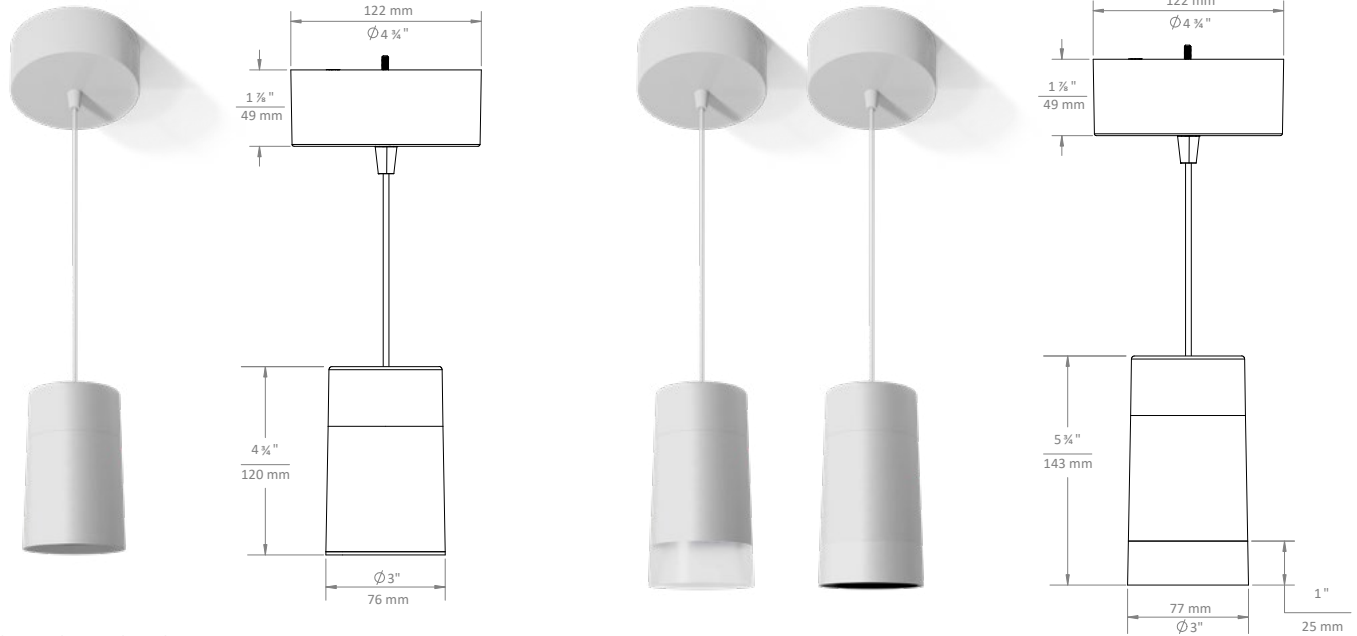
### RATINGS + CERTIFICATIONS

- Meets California Title 24 + JA8
- IP20 and IK08 rated
- UL listed for dry and damp locations (*E485648*)
- Contain no lead or mercury

### WARRANTY

- 5-year warranty

### DIMENSIONAL DETAILS



### SIGNATURE SERIES FINISHES

(shown with matching snoots)



brushed gold

brushed aluminum

chrome

bronze

black chrome

rose gold chrome

gold

gold chrome

Consult factory for mixing and matching finishes of fixtures and/or snoots



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Droplit  
rev 05/2024

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## MEDIUM DROPLIT POWERED BY LUCIE 3" CANOPY MOUNT PENDANT

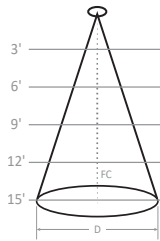
### PHOTOMETRIC DETAILS | baseline X output multiplier X cri-cct multiplier = final output

Baseline data shown below for MDR\_/\_/1/\_/\_/\_/\_/\_/\_/\_/\_/\_/930/2300/\_/\_/\_/\_ — 16W, 1600 lumens, 3000K, 95 CRI

#### VNSP - 11° Very Narrow Spot

- Input Power: 9W
- Lumens: 504 lm
- Efficacy: 57 lm/W
- CBCP: 10307
- Beam Angle: 11°
- Field Angle: 21°
- Spacing Criteria: 0.19

∠	0°	45°	90°
0°	10301	10301	10301
5°	6386	6064	5706
10°	1488	1358	1191
15°	271	223	189
20°	72	64	60
25°	34	32	31
30°	21	20	20
35°	13	13	13
40°	8	8	8
45°	4	4	4



3'	0.58' D; 801 FC
6'	1.16' D; 200 FC
9'	1.74' D; 89 FC
12'	2.32' D; 50 FC
15'	2.90' D; 32 FC

#### NSP - 16° Narrow Spot

- Input Power: 24W
- Lumens: 1768 lm
- Efficacy: 72 lm/W
- CBCP: 19020
- Beam Angle: 16°
- Field Angle: 29°
- Spacing Criteria: 0.27

∠	0°	45°	90°
0°	18936	18936	18936
5°	14820	15106	15297
10°	6526	6918	7081
15°	2033	2079	2067
20°	653	595	534
25°	217	199	185
30°	88	86	89
35°	48	48	51
40°	29	29	30
45°	16	16	17

3'	0.82' D; 1473 FC
6'	1.63' D; 368 FC
9'	2.45' D; 164 FC
12'	3.27' D; 92 FC
15'	4.08' D; 59 FC

#### NFL - 24° Narrow Flood

- Input Power: 24W
- Lumens: 2406 lm
- Efficacy: 99 lm/W
- CBCP: 9131
- Beam Angle: 24°
- Field Angle: 53°
- Spacing Criteria: 0.43

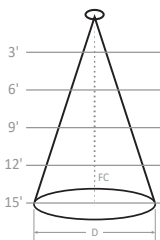
∠	0°	45°	90°
0°	9131	9131	9131
5°	8128	8000	8016
10°	5579	5494	5516
15°	3248	3206	3248
20°	1871	1845	1934
25°	1045	1049	1098
30°	524	530	547
35°	247	253	258
40°	116	121	122
45°	53	55	55

3'	1.29' D; 710 FC
6'	2.58' D; 178 FC
9'	3.87' D; 79 FC
12'	5.16' D; 44 FC
15'	6.45' D; 28 FC

#### FL - 39° Flood

- Input Power: 24W
- Lumens: 2244 lm
- Efficacy: 93 lm/W
- CBCP: 4353
- Beam Angle: 39°
- Field Angle: 71°
- Spacing Criteria: 0.71

∠	0°	45°	90°
0°	4352	4352	4352
5°	4206	4206	4209
10°	3729	3711	3741
15°	2927	2897	2943
20°	2067	2010	2084
25°	1284	1234	1307
30°	758	738	780
35°	417	406	425
40°	224	217	228
45°	118	116	122



3'	2.12' D; 339 FC
6'	4.24' D; 85 FC
9'	6.36' D; 38 FC
12'	8.48' D; 21.2 FC
15'	10.59' D; 14 FC

#### WFL - 52° Wide Flood

- Input Power: 24W
- Lumens: 2297 lm
- Efficacy: 95 lm/W
- CBCP: 2632
- Beam Angle: 52°
- Field Angle: 94°
- Spacing Criteria: 0.97

∠	0°	45°	90°
0°	2630	2630	2630
5°	2569	2576	2589
10°	2411	2420	2450
15°	2148	2169	2222
20°	1796	1815	1842
25°	1378	1387	1405
30°	966	972	992
35°	655	661	676
40°	436	446	463
45°	288	298	318

3'	2.92' D; 205 FC
6'	5.85' D; 51 FC
9'	8.77' D; 23 FC
12'	11.69' D; 13 FC
15'	14.62' D; 8 FC

#### OUTPUT MULTIPLIER

Package	Multiplier
1000 lumens; 10W	0.48
1600 lumens; 16W	0.69
2000 lumens; 20W	0.90
2300 lumens; 24W	1.00

#### 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	--

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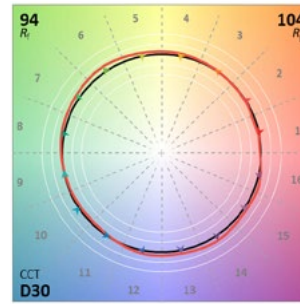
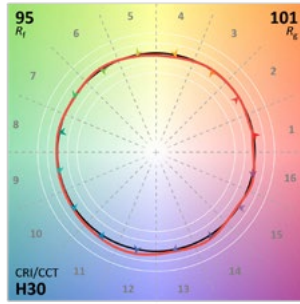
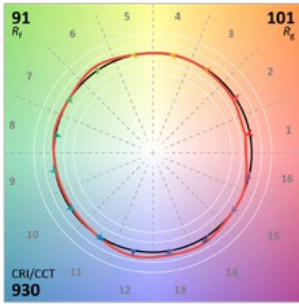
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### TM30 COLOR REPORTS

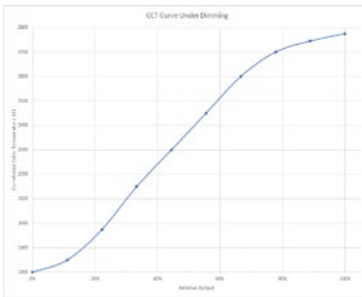
- 3000K with 95 CRI
- $R_A = 95$ ;  $R_g = 62$
- $R_f = 91$ ;  $R_g = 101$

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

- 3000K to 1800K with 97+ CRI
- $R_A = 97$ ;  $R_g = 90$
- $R_f = 94$ ;  $R_g = 104$



### DIM TO WARM DETAILS | Dim to Warm only available with NFL, FL, and WFL beam spreads @ 16W; 1000 lumens; 97+CRI



#### SP - 20° Spot

- Input Power: 15W
- Lumens: 1016 lm
- Efficacy: 68 lm/W
- CBCP: 6461
- Beam Angle: 20°
- Field Angle: 39°
- Spacing Criteria: 0.36

∠	0°	45°	90°
0°	6451	6451	6451
5°	5471	5372	5372
10°	3165	3098	3078
15°	1433	1351	1363
20°	601	541	537
25°	244	203	201
30°	89	75	74
35°	35	31	31
40°	17	16	16
45°	8	8	8

#### NFL - 24° Narrow Flood

- Input Power: 15W
- Lumens: 991 lm
- Efficacy: 66 lm/W
- CBCP: 4579
- Beam Angle: 24°
- Field Angle: 45°
- Spacing Criteria: 0.43

∠	0°	45°	90°
0°	4579	4579	4579
5°	4068	4015	4017
10°	2847	2765	2797
15°	1579	1485	1533
20°	701	666	672
25°	283	262	266
30°	121	116	116
35°	59	59	58
40°	28	28	28
45°	14	14	15

#### FL - 36° Flood

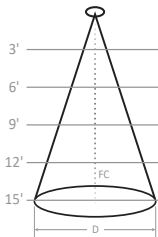
- Input Power: 15W
- Lumens: 936 lm
- Efficacy: 63 lm/W
- CBCP: 2058
- Beam Angle: 36°
- Field Angle: 66°
- Spacing Criteria: 0.65

∠	0°	45°	90°
0°	2055	2055	2055
5°	1988	1959	1954
10°	1729	1686	1683
15°	1301	1258	1256
20°	861	830	828
25°	510	490	491
30°	288	276	279
35°	157	150	154
40°	82	78	80
45°	43	40	42

#### WFL - 57° Wide Flood

- Input Power: 15W
- Lumens: 939 lm
- Efficacy: 63 lm/W
- CBCP: 931
- Beam Angle: 57°
- Field Angle: 99°
- Spacing Criteria: 1.09

∠	0°	45°	90°
0°	928	928	928
5°	904	899	906
10°	868	844	861
15°	800	764	787
20°	701	663	682
25°	574	545	555
30°	429	414	417
35°	304	293	294
40°	210	199	203
45°	136	127	131



3'	1.07' D; 502 FC	1.30' D; 356 FC	1.96' D; 160 FC	3.28' D; 72 FC
6'	2.14' D; 125 FC	2.59' D; 89 FC	3.92' D; 40 FC	6.56' D; 18 FC
9'	3.21' D; 56 FC	3.89' D; 39.6 FC	5.87' D; 18 FC	9.84' D; 8 FC
12'	4.28' D; 31 FC	5.19' D; 22 FC	7.83' D; 10 FC	13.13' D; 4.5 FC
15'	5.34' D; 20 FC	6.49' D; 14 FC	9.79' D; 6 FC	16.41' D; 3 FC