

NDR DROPLIT

NANO DROPLIT POWERED BY LUCIE
2" CANOPY MOUNT PENDANT

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
- Dimming to 1% via Standard Phase-cut or 0-10V or optional 0.1% 0-10V or DALI-2
- Custom TIR optic platform to ensure smooth beams and excellent light control with no need for a solite lens
- Low-profile discreet canopy perfect for architectural applications
- Accommodates up to two accessories, plus snoot



Perfect White, Silver + SN, Black + AS

FIXTURE	BEAM SPREAD	CRI	CCT	LUMENS	FINISH	CANOPY + CABLE	CANOPY + CABLE FINISH	POWER SUPPLY	MODULE OPTIONS	FIELD OPTIONS
NDR	NSP ¹²³ : 13°	9 : 95 CRI	22 ³ : 2200K	700 : 8W	PW : Perfect White	CM1 ⁴ : Discreet Canopy; 10' cable	PW : Perfect White Canopy and Cable	UNV ⁴ : 120-277V, 1% phase-cut or 0-10V dimming	AS : Acrylic Snoot	CASPC ⁵ : Casambi Wireless Phase-cut Node
	NFL : 22°	H : 98+ CRI	25 ³ : 2500K	1000 : 10W	BK : Black	CM2 ⁴ : Discreet Canopy; 20' cable	BK : Black Canopy and Cable	UDA ⁵ : 120-277V, Log 0.1% DALI-2 D4i DT6/DT8	SN : Snoot	
	FL : 36°	D ² : Dim-to-Warm (3000K to 1800K)	27 : 2700K	400 : 5W*	SV : Silver	TCM1 : Tall Canopy; 10' cable			HL : Honeycomb Louver	CAS10 ⁵ : Casambi Wireless 0-10V Node
	WFL : 61°		30 : 3000K		BA : Brushed Aluminum	TCM2 : Tall Canopy; 20' cable		LS : Linear Spread Lens		
			35 : 3500K		CR : Chrome			SS : Solite Spread Lens		
			40 : 4000K		BZ : Bronze			DFAx ^x : Decorative Frosted Acrylic (length)		
			50 : 5000K		BC : Black Chrome			SNxx : Mix + Match snoot (snoot finish)		
					RC : Rose Gold Chrome					
	GD : Gold									
	GC : Gold Chrome									

Notes: ¹NSP unavailable with 1000 lumen package.

²Dim to Warm is 98+ CRI, 3000K to 1800K, 1000 lumens only. Unavailable with NSP.

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

⁴Discreet Canopy compatible with UNV: 120V, 1% phase-cut dimming only

⁵UDA power supply not available with CM1 or CM2 Discreet Canopies or wireless node options

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

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OPTICS + PERFORMANCE

- 2 performance packages
 - 8W; 700 lumens
 - 10W; 1000 lumens (NSP unavailable)
- 4 custom beam spreads available
 - Narrow Spot - 13°
 - Flood - 36°
 - Narrow Flood - 22°
 - Wide Flood - 61°
- 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

- UNV: 120-277V: 1% 0-10V or phase-cut dimming
CM1 and CM2 *discreet canopies compatible with phase-cut dimming only*
- UDA: 277V; Logarithmic 0.1% DALI-2
Compatible with TCM1 and TCM2 tall canopies only

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

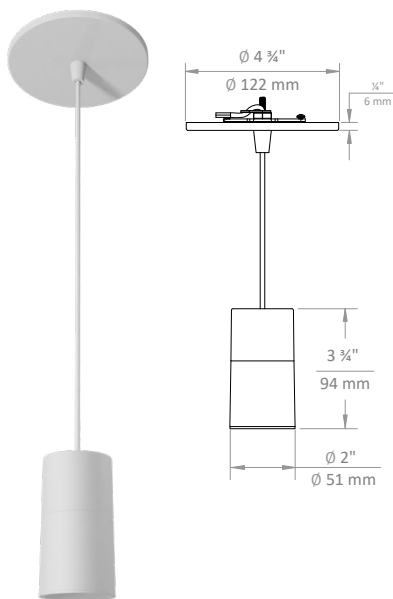
- Meets California Title 24 + JA8
- IP20 and IK08 rated
- UL and cUL listed for dry and damp locations (E485648)
- Contain no lead or mercury

WARRANTY

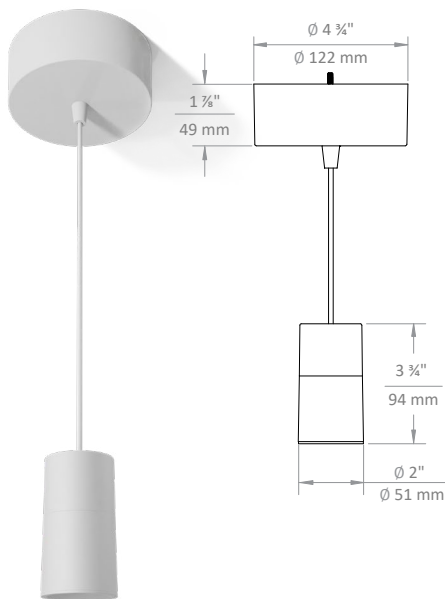
- 5-year warranty

DIMENSIONAL DETAILS

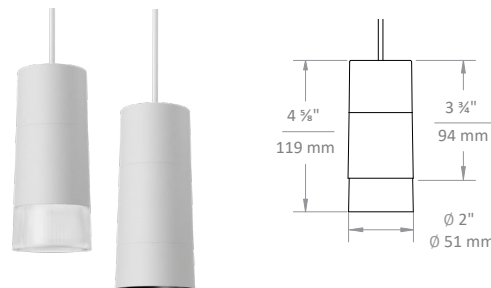
- NDR
(CM1 + CM2 Discreet Canopy)



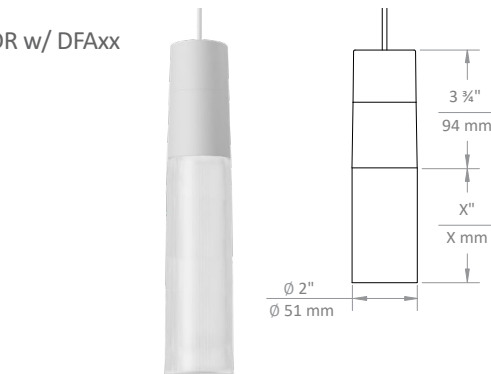
- NDR
(TCM1 + TCM2 Tall Canopy)



- NDR w/ Snoot
AS Acrylic Snoot (left), SN Matching Snoot (right)



- NDR w/ DFAxx



SIGNATURE SERIES FINISHES (shown with matching snoots)



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

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

Baseline data shown below for NDR/1/_/_/930/700/_/_/_ — 8W, 700 lumens, 3000K, 95 CRI

NSP - 13° Narrow Spot

- Input Power: 9.0 W
- Lumens: 488 lm
- Efficacy: 54 lm/W
- CBCP: 7374 cd
- Beam Angle: 13.2°
- Field Angle: 24.0°
- Spacing Criteria: 0.23

∠	0°	45°	90°
0°	7374	7374	7374
10°	4653	4554	4605
15°	1145	1152	1222
20°	174	163	221
25°	65	63	68
30°	44	44	43
35°	20	21	22
40°	11	12	12
45°	10	10	11

NFL - 22° Narrow Flood

- Input Power: 8.0 W
- Lumens: 773 lm
- Efficacy: 97 lm/W
- CBCP: 3990 cd
- Beam Angle: 22.1°
- Field Angle: 42.4°
- Spacing Criteria: 0.39

∠	0°	45°	90°
0°	3990	3990	3990
10°	3532	3559	3607
15°	2138	2097	2236
20°	966	957	1012
25°	430	431	463
30°	175	179	197
35°	76	78	80
40°	42	41	39
45°	27	26	26

FL - 36° Flood

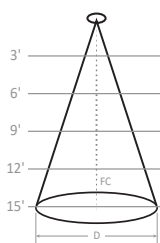
- Input Power: 8.0 W
- Lumens: 808 lm
- Efficacy: 101 lm/W
- CBCP: 1999 cd
- Beam Angle: 35.8°
- Field Angle: 59.9°
- Spacing Criteria: 0.65

∠	0°	45°	90°
0°	1999	1999	1999
10°	1928	1902	1895
15°	1682	1648	1624
20°	1303	1249	1215
25°	846	789	747
30°	452	408	372
35°	217	190	166
40°	102	88	75
45°	48	43	37

WFL - 61° Wide Flood

- Input Power: 8.0 W
- Lumens: 655 lm
- Efficacy: 82 lm/W
- CBCP: 581 cd
- Beam Angle: 60.5°
- Field Angle: 106.7°
- Spacing Criteria: 1.17

∠	0°	45°	90°
0°	581	581	581
10°	570	568	567
15°	537	536	532
20°	486	485	480
25°	426	424	419
30°	363	359	355
35°	301	295	292
40°	241	234	231
45°	183	175	171



0.69' D, 574 FC

1.38' D, 143 FC

2.07' D, 64 FC

2.77' D, 36 FC

3.46' D, 23 FC

1.17' D, 310 FC

2.34' D, 78 FC

3.51' D, 35 FC

4.68' D, 19 FC

5.84' D, 12 FC

1.94' D, 156 FC

3.88' D, 39 FC

5.81' D, 17 FC

7.75' D, 10 FC

9.69' D, 6 FC

3.50' D, 45 FC

7.00' D, 11 FC

10.50' D, 5 FC

14.00' D, 3 FC

17.50' D, 2 FC

OUTPUT MULTIPLIER

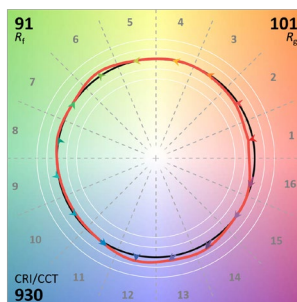
Package	Multiplier
1000 lumens; 10W	1.19

CRI-CCT MULTIPLIERS

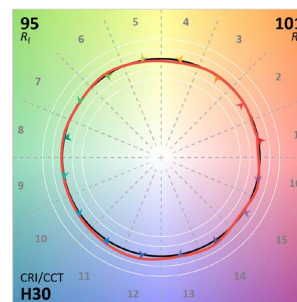
CCT	95 CRI	98+ CRI	MonoWhite
2200K	0.80	0.71	--
2500K	0.85	0.76	--
2700K	0.92	0.73	--
3000K	1.00	0.75	0.86
3500K	1.04	0.79	0.88
4000K	1.05	0.80	--
5000K	1.06	0.81	--

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



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DIM TO WARM DETAILS | Dim to Warm only available with NFL, FL, and WFL beam spreads
baseline X output multiplier X cri-cct multiplier = final output

Baseline data shown below for NDR/1/_/_/D30/700/_/_/_ — 8W, 700 lumens, 3000K, 98+ CRI

NFL - 28° Narrow Flood

- Input Power: 8.0 W
- Lumens: 458 lm
- Efficacy: 57 lm/W
- CBCP: 1564 cd
- Beam Angle: 27.8°
- Field Angle: 51.6°
- Spacing Criteria: 0.49

∠	0°	45°	90°
0°	1564	1564	1564
10°	1390	1436	1518
15°	864	953	1187
20°	435	502	675
25°	217	262	354
30°	106	131	187
35°	53	64	89
40°	28	33	43
45°	16	19	23

FL - 40° Flood

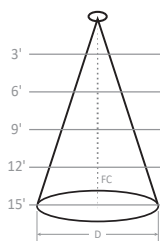
- Input Power: 8.0 W
- Lumens: 507 lm
- Efficacy: 63 lm/W
- CBCP: 1027 cd
- Beam Angle: 40.2°
- Field Angle: 65.7°
- Spacing Criteria: 0.73

∠	0°	45°	90°
0°	1027	1027	1027
10°	1009	999	994
15°	925	923	905
20°	758	767	751
25°	537	543	535
30°	314	324	313
35°	162	171	163
40°	77	87	83
45°	37	44	43

WFL - 63° Wide Flood

- Input Power: 8.0 W
- Lumens: 397 lm
- Efficacy: 50 lm/W
- CBCP: 331 cd
- Beam Angle: 63.2°
- Field Angle: 109.6°
- Spacing Criteria: 1.23

∠	0°	45°	90°
0°	331	331	331
10°	325	324	324
15°	307	308	306
20°	281	282	280
25°	249	250	248
30°	215	216	214
35°	180	179	178
40°	145	143	142
45°	112	110	107



1.48' D, 122 FC

2.97' D, 30 FC

4.45' D, 14 FC

5.94' D, 8 FC

7.42' D, 5 FC

2.20' D, 80 FC

4.39' D, 20 FC

6.59' D, 9 FC

8.78' D, 5 FC

10.98' D, 3 FC

3.69' D, 26 FC

7.38' D, 6 FC

11.07' D, 3 FC

14.76' D, 2 FC

18.46' D, 1 FC

- 3000K to 1800K with 98+ CRI
- $R_A = 98$; $R_g = 93$
- $R_f = 94$; $R_g = 104$

