

NDR DROPLIT

POWERED BY LUCIE
2" SURFACE 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
- 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	VOLTAGE	BEAM SPREAD	CRI	CCT	LUMENS	MODULE FINISH	SOCKET FINISH ⁴	MOUNTING	MODULE OPTIONS
NDR	1 : 120V 1% Phase-cut Dimming	NSP ¹² : 13°	9 : 95 CRI	22 ² : 2200K	700 : 8W	PW : Perfect White	PW : Perfect White	SM : Surface Mount	AS : Acrylic Snoot
	2 : 120-277V 1% 0-10V Dimming	NFL : 22°	H ³ : 98 CRI	25 ² : 2500K	400 ⁵ : 5W*	BK : Black	BK : Black		SN : Snoot
		FL : 36°	D ¹ : Dim-to-Warm (3000K to 1800K)	27 : 2700K		SV : Silver	SV : Silver		HL : Honeycomb Louver
		WFL : 61°		30 : 3000K		BG : Brushed Gold	BG : Brushed Gold		LS : Linear Spread Lens
				35 : 3500K		BA : Brushed Aluminum	BA : Brushed Aluminum		SS : Solite Spread Lens
				40 : 4000K		CR : Chrome	CR : Chrome		DFAx ^x : Decorative Frosted Acrylic (length)
				50 : 5000K		BZ : Bronze	BZ : Bronze		SNxx ⁵ : Mix + Match snoot (snoot finish)
				BC : Black Chrome		BC : Black Chrome			
				RC : Rose Gold Chrome		RC : Rose Gold Chrome			
				GD : Gold		GD : Gold			
				GC : Gold Chrome		GC : Gold Chrome			

Notes: ¹Dim to Warm is 98+ CRI, 3000K to 1800K, Unavailable with NSP

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

³98+ CRI produces less measured lumens. See photometric data

⁴Included ceiling plate will be PW - Perfect White except for SV - Silver which will be matching. Consult factory for alternate finish

⁵400 lumen, 5W is a special order item

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



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OPTICS + PERFORMANCE

- 4 custom beam spreads available
 - Narrow Spot - 13°
 - Narrow Flood - 22°
 - Flood - 36°
 - Wide Flood - 61°
- 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
- 120-277V: <1% Phase-cut or 0-10V dimming

CONSTRUCTION + FINISH

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

RATINGS + CERTIFICATIONS

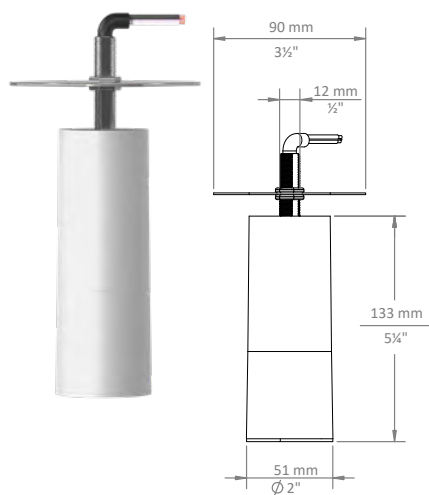
- Meets California Title 24 + JA8
- IP20 and IK08 rated
- UL and cUL listed for dry and damp locations (*E485648*)
- Contain no lead or mercury

WARRANTY

- 5-year warranty

DIMENSIONAL DETAILS

Standard NDR

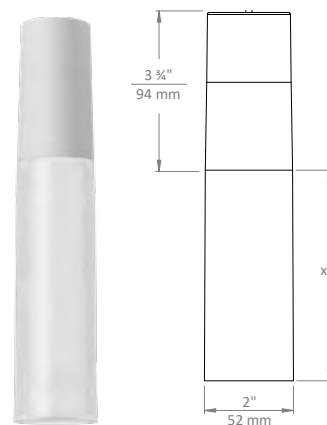


NDR w/ Snoot

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



NDR w/ DFAxx



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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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

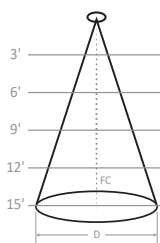
- Input Power: 8.0 W
- Lumens: 808 lm
- Efficacy: 101 lm/W
- CBCP: 1999 cd
- Beam Angle: 35.8°
- Field Angle: 59.9°
- Spacing Criteria: 0.65

∠	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

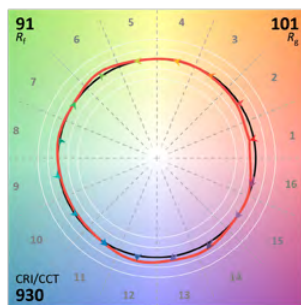
Package	Multiplier
1000 lumens; 10W	1.19

CRI-CCT MULTIPLIERS

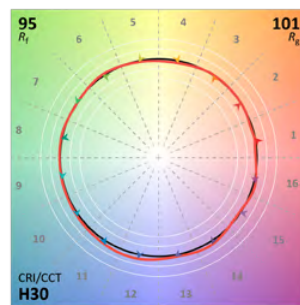
CCT	95 CRI	98+ CRI	MonoWhite
2200K	0.80	0.71	--
2500K	0.85	0.76	--
2700K	0.92	0.73	--
3000K	1.00	0.75	0.86
3500K	1.04	0.79	0.88
4000K	1.05	0.80	--
5000K	1.06	0.81	--

TM30 COLOR REPORTS

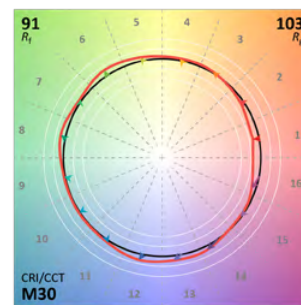
- 3000K with 95 CRI
- R_A = 95; R_g = 62
- R_f = 91; R_g = 101



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



- 3000K with MonoWhite
- R_A = 91; R_g = 46
- R_f = 91; R_g = 103



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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

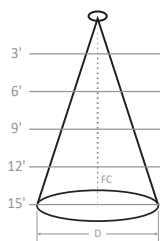
- Input Power: 8.0 W
- Lumens: 507 lm
- Efficacy: 63 lm/W
- CBCP: 1027 cd
- Beam Angle: 40.2°
- Field Angle: 65.7°
- Spacing Criteria: 0.73

∠	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
- $R_A = 98$; $R_9 = 93$
- $R_f = 94$; $R_g = 104$

