

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P189086

Luminaire Tested: **DRI-WD-3L35-UNV-22-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P189086  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34824)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: DRI-WD-3L35-UNV-22-T1-STD  
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream DIFFUSE OPTIC  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3012.7 lumens  
Efficiency: N/A  
Efficacy: 123.5 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.31 / 1.43  
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')  
CIE Type: Direct

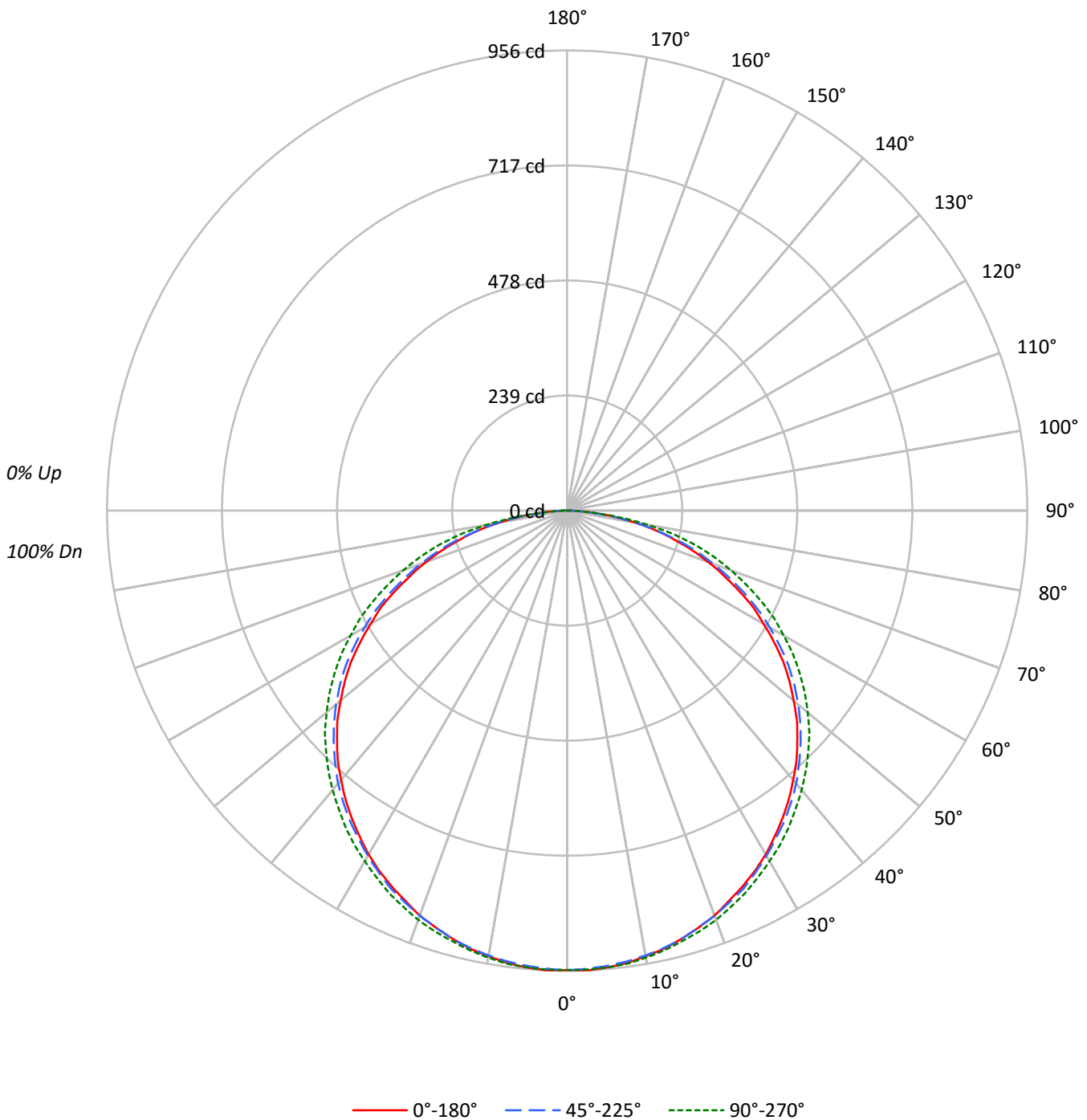
Input Watts (W): 24.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P189086

CATALOG NUMBER: DRI-WD-3L35-UNV-22-T1-STD

### Luminous Intensity Polar Plot





TEST NUMBER: P189086

CATALOG NUMBER: DRI-WD-3L35-UNV-22-T1-STD

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	94	105	101	97	93	96	93	90	93	90	87	89	87	85	82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68
3	89	78	69	62	86	76	68	62	73	66	61	70	64	60	68	63	59	56
4	81	69	59	52	79	67	59	52	65	57	51	62	56	51	60	54	50	48
5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	49	42	38	35
7	63	50	40	34	62	49	40	34	47	39	34	46	39	33	44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	29	24	36	29	24	35	29	24	22

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	3201	3201	3201
5°	3207	3197	3207
10°	3201	3195	3212
15°	3197	3197	3214
20°	3195	3195	3229
25°	3189	3206	3242
30°	3194	3207	3256
35°	3194	3220	3285
40°	3198	3240	3318
45°	3207	3253	3359
50°	3203	3269	3403
55°	3206	3281	3449
60°	3163	3259	3485
65°	3121	3222	3527
70°	3057	3167	3542
75°	2962	3065	3563
80°	2748	2779	3273
85°	2278	2031	2278



TEST NUMBER: P189086

CATALOG NUMBER: DRI-WD-3L35-UNV-22-T1-STD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.4	3.0
10°-20°	260.4	8.6
20°-30°	400.0	13.3
30°-40°	494.0	16.4
40°-50°	531.7	17.6
50°-60°	504.1	16.7
60°-70°	408.1	13.5
70°-80°	256.0	8.5
80°-90°	68.0	2.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	750.8	24.9
0°-40°	1244.8	41.3
0°-60°	2280.6	75.7
0°-90°	3012.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3012.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	954	954	954	954	954	
5°	953	951	950	951	953	91
15°	921	919	921	924	926	260
25°	862	863	867	871	876	398
35°	780	782	787	796	803	488
45°	676	678	686	700	708	522
55°	548	550	561	579	590	488
65°	393	396	406	428	444	389
75°	229	229	237	259	275	241
85°	59	54	53	58	59	69
90°	0	0	0	0	0	



TEST NUMBER: P189086

CATALOG NUMBER: DRI-WD-3L35-UNV-22-T1-STD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	954.5	954.5	954.5	954.5	954.5
2.5°	956.1	952.9	952.9	954.5	954.5
5°	952.9	951.3	949.7	951.3	952.9
7.5°	948.1	944.9	944.9	946.5	949.7
10°	940.1	938.5	938.5	941.7	943.3
12.5°	932.1	930.5	930.5	933.7	935.3
15°	920.9	919.3	920.9	924.1	925.7
17.5°	908.1	908.1	908.1	912.9	916.1
20°	895.4	893.8	895.4	900.2	904.9
22.5°	877.8	879.4	881.0	887.4	890.6
25°	861.8	863.4	866.6	871.4	876.2
27.5°	844.2	844.2	847.4	855.4	858.6
30°	825.0	825.0	828.2	836.2	841.0
32.5°	802.6	804.2	807.4	818.6	823.4
35°	780.2	781.8	786.6	796.2	802.6
37.5°	756.3	757.9	764.2	773.8	780.2
40°	730.7	733.9	740.3	751.5	757.9
42.5°	705.1	706.7	713.1	725.9	733.9
45°	676.3	677.9	685.9	700.3	708.3
47.5°	647.5	647.5	657.1	673.1	682.7
50°	614.0	617.2	626.7	642.7	652.3
52.5°	582.0	585.2	594.8	612.4	622.0
55°	548.4	550.0	561.2	578.8	590.0
57.5°	510.0	513.2	524.4	545.2	556.4
60°	471.7	476.5	486.0	506.8	519.6
62.5°	436.5	438.1	447.7	470.1	484.5
65°	393.3	396.5	406.1	428.5	444.5
67.5°	351.7	353.3	364.5	388.5	402.9
70°	311.8	315.0	323.0	348.5	361.3
72.5°	270.2	270.2	281.4	307.0	319.8
75°	228.6	228.6	236.6	259.0	275.0
77.5°	187.1	185.5	188.7	212.6	225.4
80°	142.3	139.1	143.9	158.3	169.5
82.5°	97.5	95.9	95.9	105.5	113.5
85°	59.2	54.4	52.8	57.6	59.2
87.5°	24.0	20.8	17.6	16.0	17.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)