

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: P189085

Luminaire Tested: **DRI-WD-2L35-UNV-22-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189085
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-2L35-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

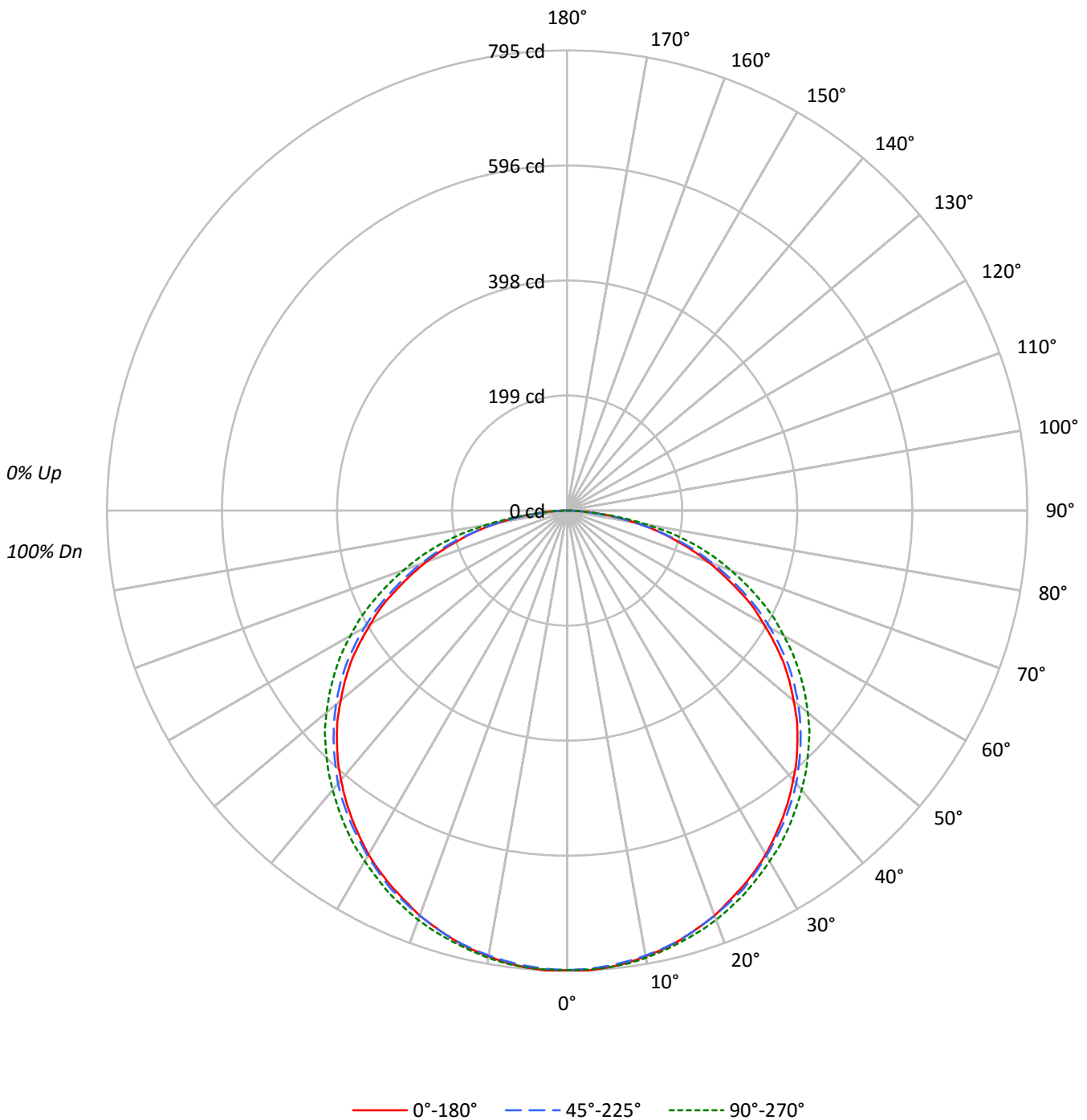
Lumens per Lamp: N/A
Luminaire Lumens: 2505.9 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.31 / 1.43
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')
CIE Type: Direct

Input Watts (W): 20
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



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Luminous Intensity Polar Plot





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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°	2662	2662	2662
5°	2668	2659	2668
10°	2663	2658	2671
15°	2659	2659	2673
20°	2657	2657	2686
25°	2652	2667	2696
30°	2657	2667	2708
35°	2657	2678	2733
40°	2660	2695	2759
45°	2667	2705	2794
50°	2664	2719	2831
55°	2666	2729	2869
60°	2631	2711	2898
65°	2595	2680	2933
70°	2542	2633	2946
75°	2464	2550	2963
80°	2286	2311	2723
85°	1893	1689	1893



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.2	3.0
10°-20°	216.6	8.6
20°-30°	332.7	13.3
30°-40°	410.9	16.4
40°-50°	442.2	17.6
50°-60°	419.3	16.7
60°-70°	339.4	13.5
70°-80°	213.0	8.5
80°-90°	56.6	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°	624.5	24.9
0°-40°	1035.4	41.3
0°-60°	1896.9	75.7
0°-90°	2505.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2505.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	794	794	794	794	794	
5°	793	791	790	791	793	75
15°	766	765	766	769	770	216
25°	717	718	721	725	729	331
35°	649	650	654	662	668	406
45°	562	564	570	582	589	434
55°	456	458	467	481	491	406
65°	327	330	338	356	370	324
75°	190	190	197	215	229	200
85°	49	45	44	48	49	57
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	793.9	793.9	793.9	793.9	793.9
2.5°	795.3	792.6	792.6	793.9	793.9
5°	792.6	791.3	789.9	791.3	792.6
7.5°	788.6	785.9	785.9	787.3	789.9
10°	782.0	780.6	780.6	783.3	784.6
12.5°	775.3	774.0	774.0	776.6	778.0
15°	766.0	764.7	766.0	768.7	770.0
17.5°	755.4	755.4	755.4	759.3	762.0
20°	744.7	743.4	744.7	748.7	752.7
22.5°	730.1	731.4	732.8	738.1	740.7
25°	716.8	718.1	720.8	724.8	728.8
27.5°	702.2	702.2	704.8	711.5	714.1
30°	686.2	686.2	688.9	695.5	699.5
32.5°	667.6	668.9	671.6	680.9	684.9
35°	649.0	650.3	654.3	662.3	667.6
37.5°	629.0	630.4	635.7	643.7	649.0
40°	607.7	610.4	615.7	625.0	630.4
42.5°	586.5	587.8	593.1	603.8	610.4
45°	562.5	563.9	570.5	582.5	589.1
47.5°	538.6	538.6	546.6	559.9	567.8
50°	510.7	513.3	521.3	534.6	542.6
52.5°	484.1	486.7	494.7	509.3	517.3
55°	456.1	457.5	466.8	481.4	490.7
57.5°	424.2	426.9	436.2	453.5	462.8
60°	392.3	396.3	404.3	421.6	432.2
62.5°	363.1	364.4	372.4	391.0	402.9
65°	327.1	329.8	337.8	356.4	369.7
67.5°	292.6	293.9	303.2	323.2	335.1
70°	259.3	262.0	268.6	289.9	300.5
72.5°	224.7	224.7	234.1	255.3	266.0
75°	190.2	190.2	196.8	215.4	228.7
77.5°	155.6	154.3	156.9	176.9	187.5
80°	118.4	115.7	119.7	131.7	141.0
82.5°	81.1	79.8	79.8	87.8	94.4
85°	49.2	45.2	43.9	47.9	49.2
87.5°	19.9	17.3	14.6	13.3	14.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)