

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: P189106

Luminaire Tested: **DRI-WS-2L35-UNV-14-T1-STD**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189106
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34838)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WS-2L35-UNV-14-T1-STD
Description: DIVIDE RECESSED 1x4 LED LUMINAIRE, WaveStream SPECULAR OPTIC
Light Source: (308) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

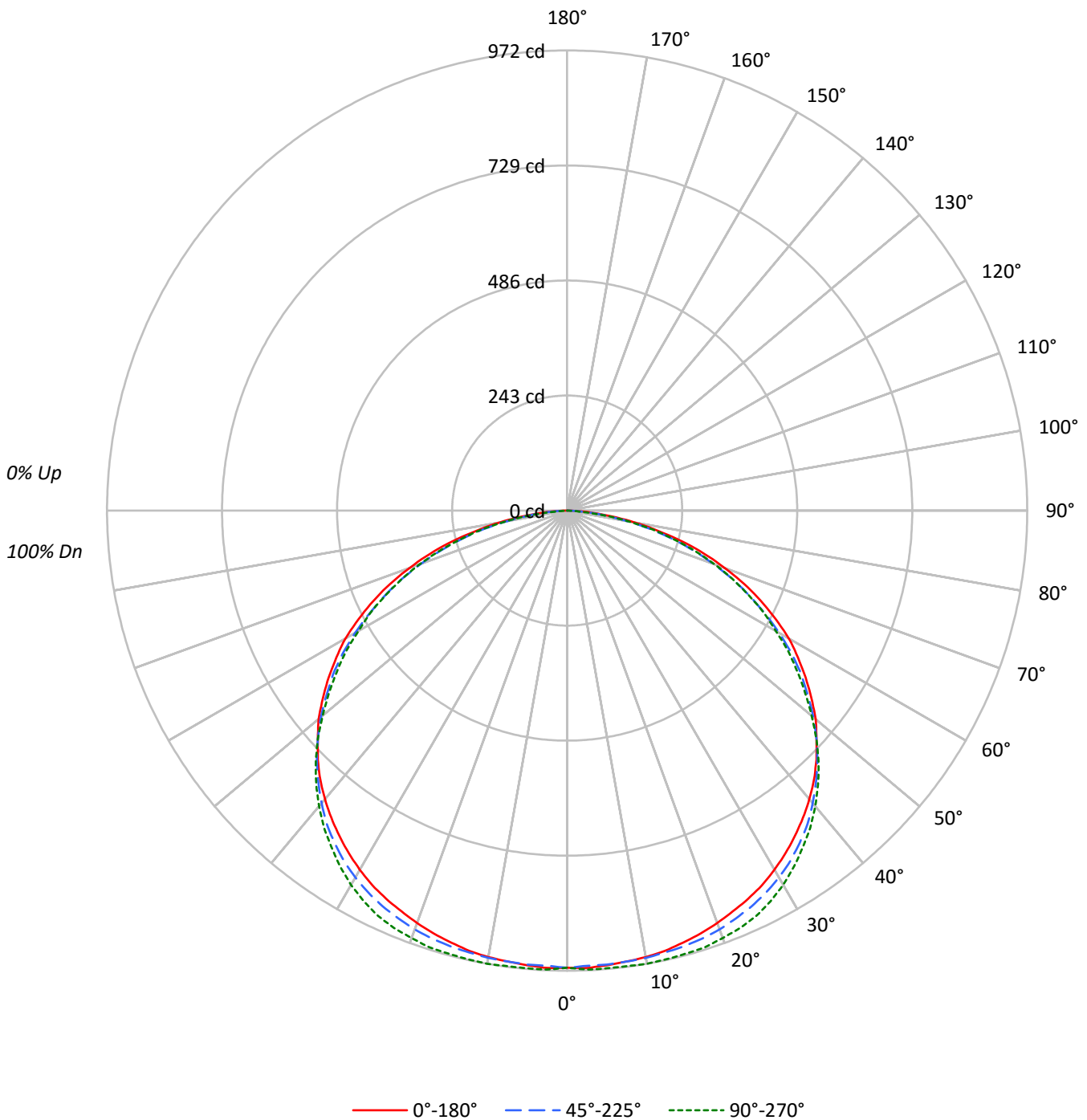
Lumens per Lamp: N/A
Luminaire Lumens: 3172.8 lumens
Efficiency: N/A
Efficacy: 130.6 lumens/watt
Spacing Criteria (0/90/45): 1.35 / 1.39 / 1.48
Luminous Opening: Rectangular (W 0.96' x L: 3.83' x H: 0')
CIE Type: Direct

Input Watts (W): 24.3
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	95	106	101	97	93	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	78	74	71	68
3	89	78	70	63	87	77	69	62	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	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	39	51	44	38	49	43	38	36
7	64	50	41	34	62	49	40	34	47	40	34	46	39	34	44	38	34	31
8	59	45	37	31	58	45	36	30	43	36	30	42	35	30	41	35	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	38	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2829	2829	2829
5°	2835	2831	2854
10°	2849	2854	2892
15°	2866	2890	2939
20°	2891	2936	2996
25°	2925	2982	3055
30°	2963	3028	3088
35°	3001	3064	3104
40°	3044	3087	3118
45°	3085	3099	3112
50°	3124	3095	3073
55°	3141	3084	3035
60°	3172	3031	2984
65°	3131	2942	2931
70°	3032	2813	2840
75°	2846	2592	2629
80°	2458	2162	2189
85°	1829	1506	1022



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.1	2.9
10°-20°	270.4	8.5
20°-30°	426.3	13.4
30°-40°	535.6	16.9
40°-50°	577.0	18.2
50°-60°	540.0	17.0
60°-70°	427.0	13.5
70°-80°	248.3	7.8
80°-90°	56.1	1.8
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°	788.8	24.9
0°-40°	1324.4	41.7
0°-60°	2441.4	76.9
0°-90°	3172.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3172.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	966	966	966	966	966	
5°	964	966	962	969	970	92
15°	945	948	953	964	969	267
25°	905	911	922	938	945	418
35°	839	847	857	866	868	525
45°	745	748	748	749	751	574
55°	615	615	604	597	594	550
65°	452	444	424	424	423	446
75°	251	240	229	232	232	264
85°	54	50	45	37	30	67
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	965.6	965.6	965.6	965.6	965.6
2.5°	967.2	965.6	962.4	968.8	970.4
5°	964.0	965.6	962.4	968.8	970.4
7.5°	960.8	962.4	960.8	968.8	970.4
10°	957.6	959.2	959.2	968.8	972.0
12.5°	952.8	954.4	956.0	967.2	970.4
15°	944.8	948.0	952.8	964.0	968.8
17.5°	936.8	941.6	948.0	962.4	967.2
20°	927.2	932.0	941.6	956.0	960.8
22.5°	916.0	922.4	932.0	948.0	954.4
25°	904.8	911.2	922.4	938.4	944.8
27.5°	891.9	898.3	909.6	925.6	930.4
30°	875.9	883.9	895.1	909.6	912.8
32.5°	858.3	866.3	877.5	888.7	891.9
35°	839.1	847.1	856.7	866.3	867.9
37.5°	818.3	826.3	834.3	840.7	843.9
40°	795.9	802.3	807.1	813.5	815.1
42.5°	771.8	776.6	778.2	784.7	784.7
45°	744.6	747.8	747.8	749.4	751.0
47.5°	714.2	719.0	714.2	715.8	714.2
50°	685.4	685.4	679.0	677.4	674.2
52.5°	650.1	650.1	640.5	637.3	634.1
55°	614.9	614.9	603.7	597.3	594.1
57.5°	578.1	574.9	562.1	555.7	554.1
60°	541.3	533.2	517.2	512.4	509.2
62.5°	496.4	490.0	470.8	469.2	469.2
65°	451.6	443.6	424.4	424.4	422.8
67.5°	405.1	395.5	377.9	377.9	377.9
70°	353.9	344.3	328.3	329.9	331.5
72.5°	304.3	293.0	278.6	280.2	281.8
75°	251.4	240.2	229.0	232.2	232.2
77.5°	195.4	189.0	179.3	181.0	184.2
80°	145.7	137.7	128.1	131.3	129.7
82.5°	96.1	88.1	83.3	81.7	81.7
85°	54.4	49.6	44.8	36.8	30.4
87.5°	24.0	17.6	6.4	4.8	3.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)