

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: P189118

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P189118
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34832)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: DRI-WS-3L35-UNV-22-T1-STD
Description: DIVIDE RECESSED 2x2 LED LUMINAIRE, WaveStream SPECULAR OPTIC
Light Source: (168) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

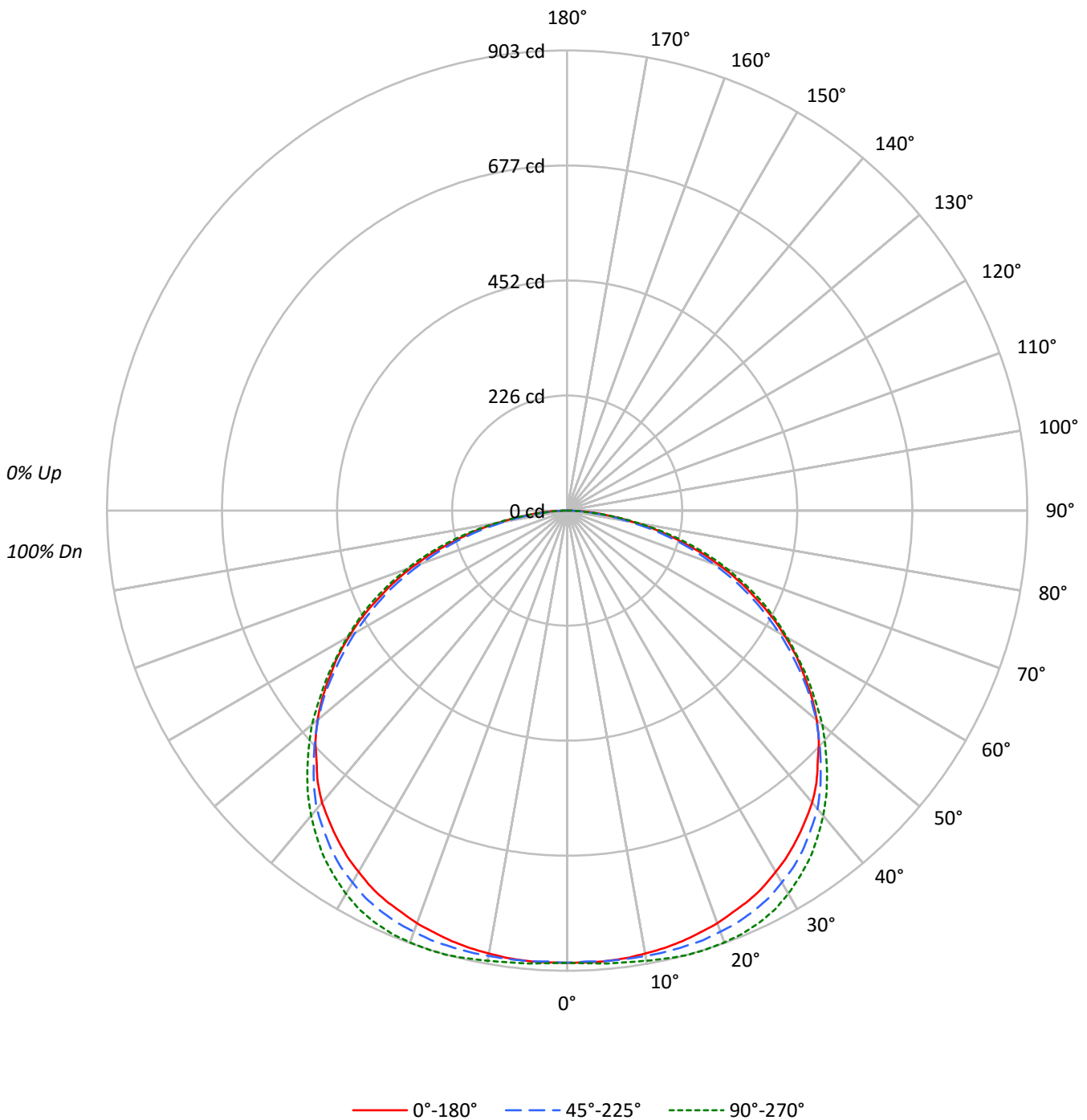
Lumens per Lamp: N/A
Luminaire Lumens: 2990.3 lumens
Efficiency: N/A
Efficacy: 122.6 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.43 / 1.5
Luminous Opening: Rectangular (W 1.79' x L: 1.79' x H: 0')
CIE Type: Direct

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



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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	93	90	93	90	88	89	87	85	83
2	98	89	82	76	95	88	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	86	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	67	59	52	65	57	52	63	56	51	60	55	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	43	38	36
7	63	50	41	34	62	49	40	34	47	39	34	46	39	34	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	37	30	24	36	29	24	36	29	24	35	29	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2976	2976	2976
5°	2987	2987	3003
10°	3005	3022	3054
15°	3036	3075	3136
20°	3075	3138	3218
25°	3123	3206	3301
30°	3170	3262	3362
35°	3220	3312	3403
40°	3275	3346	3422
45°	3298	3336	3420
50°	3336	3328	3411
55°	3328	3281	3374
60°	3313	3228	3345
65°	3247	3146	3336
70°	3167	2994	3277
75°	2941	2796	3127
80°	2624	2377	2748
85°	2216	1785	1908



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.8	2.8
10°-20°	251.2	8.4
20°-30°	400.0	13.4
30°-40°	505.9	16.9
40°-50°	545.0	18.2
50°-60°	506.6	16.9
60°-70°	400.0	13.4
70°-80°	236.9	7.9
80°-90°	60.0	2.0
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°	736.0	24.6
0°-40°	1241.8	41.5
0°-60°	2293.4	76.7
0°-90°	2990.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2990.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	887	887	887	887	887	
5°	887	886	887	891	892	85
15°	875	878	886	899	903	247
25°	844	849	867	884	892	389
35°	787	793	809	825	831	493
45°	696	699	704	715	721	538
55°	569	563	561	569	577	509
65°	409	398	396	411	420	406
75°	227	217	216	232	241	242
85°	58	51	46	48	50	66
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	887.4	887.4	887.4	887.4	887.4
2.5°	887.4	887.4	885.8	887.4	889.0
5°	887.4	885.8	887.4	890.6	892.2
7.5°	885.8	885.8	887.4	890.6	893.8
10°	882.6	882.6	887.4	893.8	897.0
12.5°	879.4	881.0	887.4	895.4	900.2
15°	874.6	877.8	885.8	898.6	903.4
17.5°	868.2	873.0	884.2	897.0	903.4
20°	861.8	866.6	879.4	895.4	901.8
22.5°	852.2	858.6	874.6	890.6	898.6
25°	844.2	849.0	866.6	884.2	892.2
27.5°	833.0	839.4	857.0	874.6	882.6
30°	818.6	826.6	842.6	860.2	868.2
32.5°	804.2	810.6	828.2	844.2	850.6
35°	786.6	793.0	809.0	825.0	831.4
37.5°	767.4	773.8	786.6	801.0	807.4
40°	748.3	751.5	764.3	775.4	781.8
42.5°	724.3	725.9	735.5	748.3	753.1
45°	695.5	698.7	703.5	714.7	721.1
47.5°	669.9	668.3	671.5	682.7	687.5
50°	639.5	634.7	637.9	645.9	653.9
52.5°	606.0	599.6	601.2	607.6	614.0
55°	569.2	562.8	561.2	569.2	577.2
57.5°	534.0	526.0	521.2	530.8	537.2
60°	494.0	484.5	481.3	492.4	498.8
62.5°	454.1	442.9	438.1	450.9	460.5
65°	409.3	398.1	396.5	410.9	420.5
67.5°	367.7	356.5	351.7	364.5	377.3
70°	323.0	308.6	305.4	323.0	334.2
72.5°	276.6	263.8	260.6	279.8	289.4
75°	227.0	217.4	215.8	231.8	241.4
77.5°	183.9	169.5	169.5	185.5	191.9
80°	135.9	126.3	123.1	135.9	142.3
82.5°	92.7	86.3	83.1	87.9	95.9
85°	57.6	51.2	46.4	48.0	49.6
87.5°	25.6	20.8	16.0	12.8	14.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)