

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: P506265

Luminaire Tested: **22PD-35-PW1-L935**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506265
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PD-35-PW1-L935
Description: 3500 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,
3500K LEDS
Light Source: -
Ballast/Driver: -

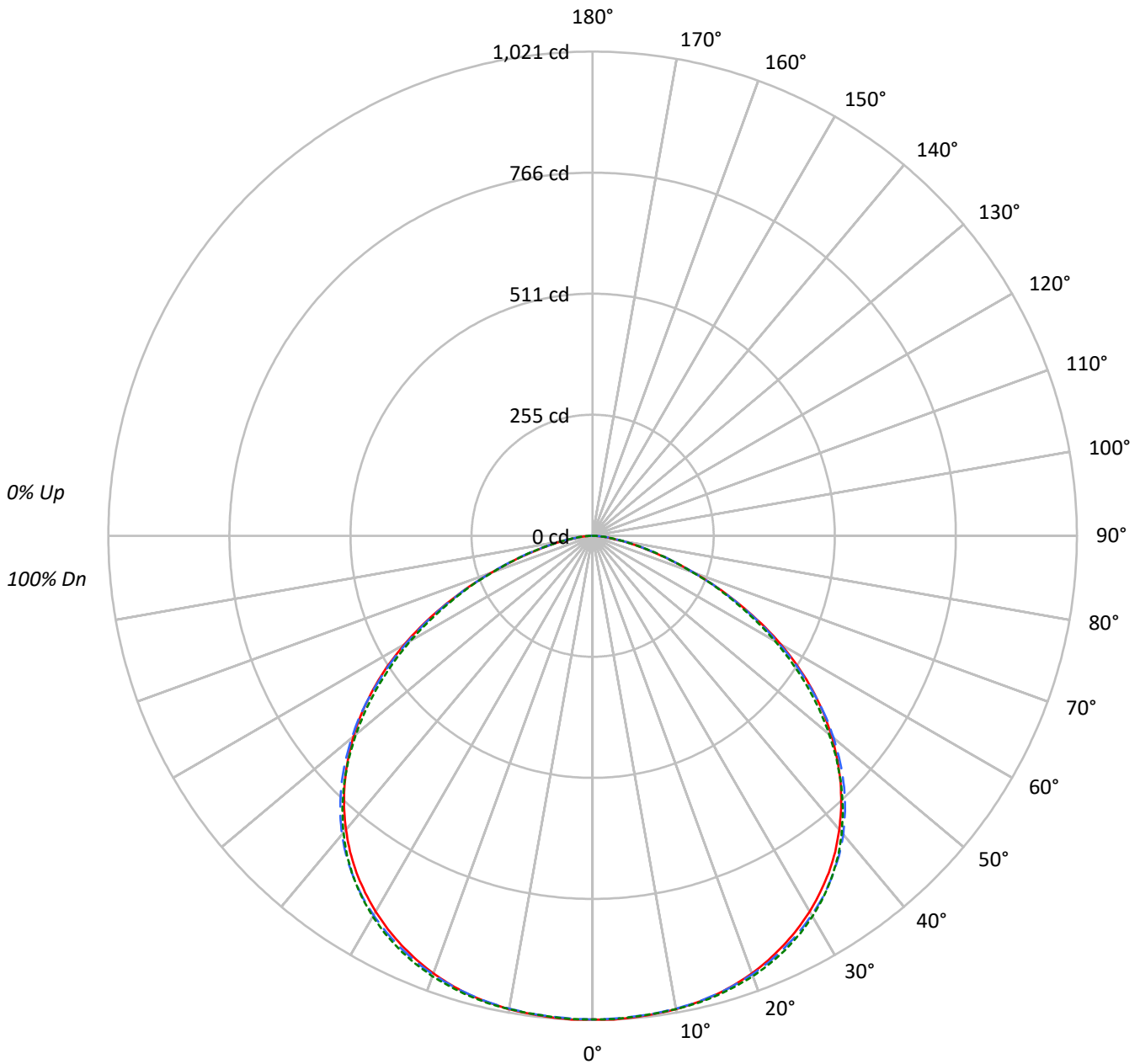
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2948.6 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.34 / 1.44
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	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	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85																			
2	100	92	85	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72																			
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61																			
4	83	72	63	57	81	70	62	56	68	61	55	66	60	55	63	58	54	52																			
5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45																			
6	71	58	49	42	69	57	48	42	55	47	42	53	47	42	52	46	41	39																			
7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35																			
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31																			
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28																			
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2745	2745	2745
5°	2753	2749	2750
10°	2770	2766	2769
15°	2792	2791	2799
20°	2812	2819	2830
25°	2830	2846	2859
30°	2843	2871	2881
35°	2850	2888	2889
40°	2842	2888	2871
45°	2813	2854	2819
50°	2756	2776	2726
55°	2649	2638	2588
60°	2467	2439	2388
65°	2175	2154	2113
70°	1781	1790	1752
75°	1350	1395	1384
80°	978	1017	1000
85°	642	664	710



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.0	3.3
10°-20°	283.3	9.6
20°-30°	441.7	15.0
30°-40°	547.4	18.6
40°-50°	572.8	19.4
50°-60°	499.2	16.9
60°-70°	334.4	11.3
70°-80°	144.9	4.9
80°-90°	27.9	0.9
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°	822.0	27.9
0°-40°	1369.4	46.4
0°-60°	2441.4	82.8
0°-90°	2948.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2948.6	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1020	1020	1020	1020	1020	
5°	1019	1018	1018	1017	1018	97
15°	1002	1001	1002	1003	1005	283
25°	953	953	958	961	963	439
35°	868	871	879	880	879	542
45°	739	743	750	744	741	569
55°	565	564	562	556	552	503
65°	342	340	338	335	332	338
75°	130	132	134	133	133	143
85°	21	22	22	22	23	27
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1020.0	1020.0	1020.0	1020.0	1020.0
2.5°	1021.1	1019.3	1019.0	1019.0	1020.0
5°	1019.0	1017.9	1017.5	1017.1	1017.9
7.5°	1016.8	1015.3	1015.7	1014.9	1015.7
10°	1013.8	1012.4	1012.4	1012.4	1013.5
12.5°	1008.7	1007.6	1008.0	1008.7	1010.2
15°	1002.2	1000.7	1001.8	1002.9	1004.7
17.5°	993.1	992.0	993.8	995.6	997.1
20°	982.1	981.0	984.3	986.9	988.3
22.5°	968.6	968.3	972.7	975.6	976.7
25°	953.0	953.3	958.4	961.4	962.8
27.5°	935.1	935.8	942.4	944.9	946.4
30°	915.1	916.9	923.8	926.0	927.1
32.5°	892.4	895.0	903.4	904.8	904.8
35°	867.7	870.9	879.0	880.1	879.3
37.5°	840.0	843.6	852.7	851.3	850.2
40°	809.0	813.0	822.1	819.2	817.3
42.5°	775.8	779.8	787.8	783.4	780.9
45°	739.3	743.3	749.9	743.7	740.8
47.5°	700.0	704.7	708.0	701.1	697.4
50°	658.4	659.9	663.1	655.1	651.1
52.5°	613.2	613.2	615.7	607.0	602.3
55°	564.7	564.3	562.2	556.0	551.6
57.5°	513.3	511.1	509.7	503.1	498.0
60°	458.3	455.0	453.2	447.7	443.7
62.5°	400.7	398.8	396.6	392.3	387.9
65°	341.6	339.8	338.3	335.0	331.8
67.5°	282.9	281.8	281.8	279.6	279.3
70°	226.4	227.1	227.5	227.5	222.7
72.5°	175.4	175.7	177.5	176.1	175.7
75°	129.8	132.0	134.2	133.1	133.1
77.5°	93.3	96.6	96.6	95.9	94.8
80°	63.1	64.5	65.6	65.3	64.5
82.5°	40.1	41.2	40.1	40.8	41.2
85°	20.8	22.2	21.5	21.9	23.0
87.5°	6.9	7.7	8.0	7.7	7.7
90°	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - - 90°-270°







(END OF REPORT)