

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: P506264

Luminaire Tested: **22PD-35-PW1-L930**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506264
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-L930
Description: 3500 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,
3000K LEDS
Light Source: -
Ballast/Driver: -

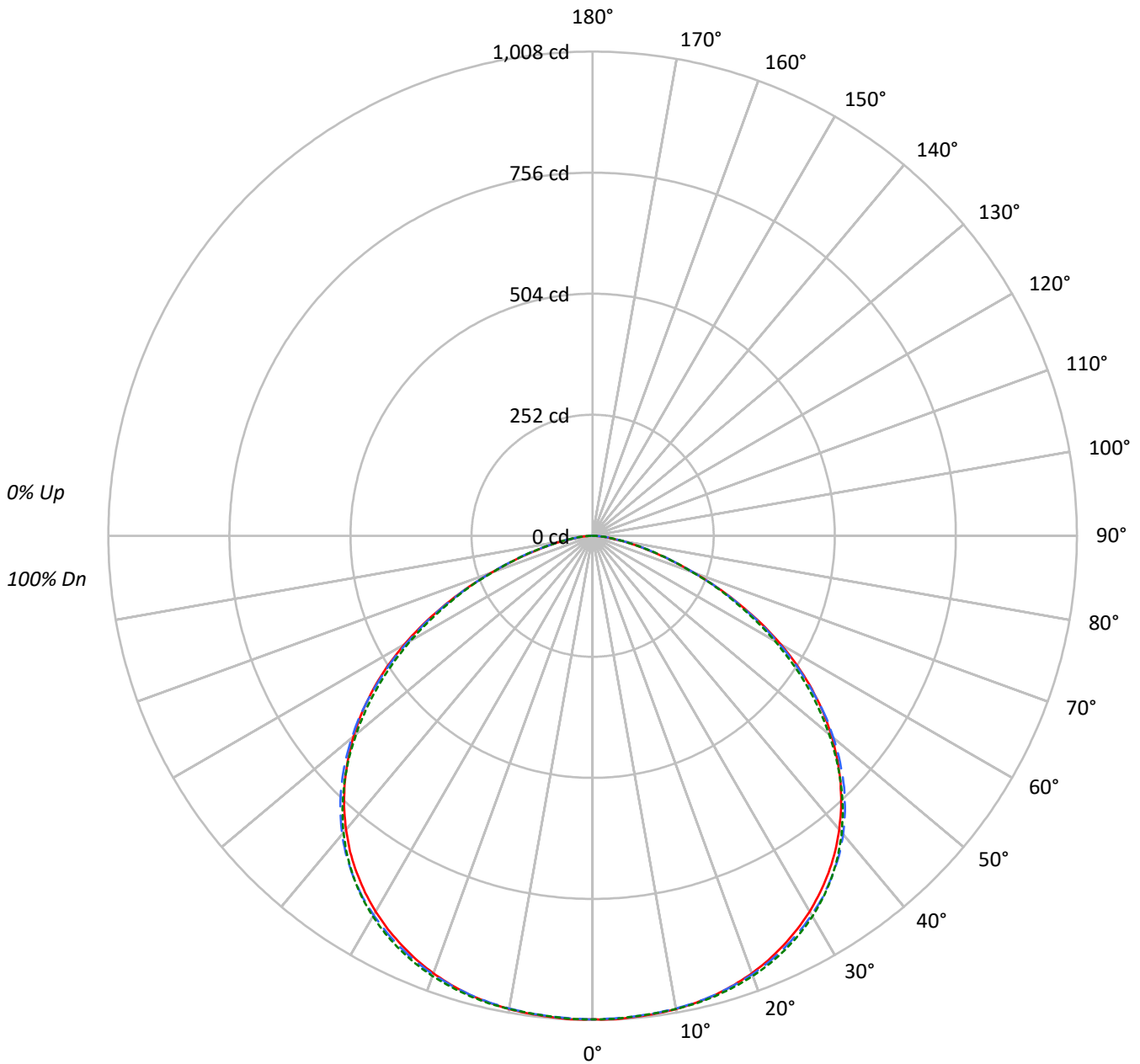
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2910.4 lumens
Efficiency: N/A
Efficacy: 101.1 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°	2709	2709	2709
5°	2717	2713	2714
10°	2734	2731	2734
15°	2756	2755	2763
20°	2776	2782	2794
25°	2793	2809	2822
30°	2806	2833	2843
35°	2813	2850	2851
40°	2805	2850	2834
45°	2777	2817	2783
50°	2721	2740	2691
55°	2615	2603	2554
60°	2434	2407	2357
65°	2147	2126	2085
70°	1758	1766	1730
75°	1332	1377	1365
80°	965	1004	987
85°	633	655	701



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.7	3.3
10°-20°	279.6	9.6
20°-30°	435.9	15.0
30°-40°	540.3	18.6
40°-50°	565.4	19.4
50°-60°	492.7	16.9
60°-70°	330.1	11.3
70°-80°	143.1	4.9
80°-90°	27.6	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°	811.3	27.9
0°-40°	1351.7	46.4
0°-60°	2409.8	82.8
0°-90°	2910.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2910.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1007	1007	1007	1007	1007	
5°	1006	1005	1004	1004	1005	96
15°	989	988	989	990	992	279
25°	941	941	946	949	950	434
35°	856	860	868	869	868	535
45°	730	734	740	734	731	562
55°	557	557	555	549	544	496
65°	337	335	334	331	328	334
75°	128	130	132	131	131	141
85°	20	22	21	22	23	27
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1006.8	1006.8	1006.8	1006.8	1006.8
2.5°	1007.9	1006.1	1005.8	1005.8	1006.8
5°	1005.8	1004.7	1004.3	1004.0	1004.7
7.5°	1003.6	1002.2	1002.5	1001.8	1002.5
10°	1000.7	999.3	999.3	999.3	1000.4
12.5°	995.7	994.6	995.0	995.7	997.1
15°	989.2	987.8	988.8	989.9	991.7
17.5°	980.2	979.1	980.9	982.7	984.2
20°	969.4	968.3	971.6	974.1	975.5
22.5°	956.1	955.7	960.1	962.9	964.0
25°	940.6	941.0	946.0	948.9	950.3
27.5°	923.0	923.7	930.2	932.7	934.1
30°	903.2	905.0	911.8	914.0	915.1
32.5°	880.9	883.4	891.7	893.1	893.1
35°	856.4	859.7	867.6	868.7	867.9
37.5°	829.1	832.7	841.7	840.2	839.1
40°	798.5	802.4	811.4	808.6	806.8
42.5°	765.7	769.7	777.6	773.3	770.8
45°	729.8	733.7	740.2	734.1	731.2
47.5°	690.9	695.6	698.8	692.0	688.4
50°	649.9	651.3	654.5	646.6	642.7
52.5°	605.3	605.3	607.8	599.1	594.5
55°	557.4	557.0	554.9	548.8	544.4
57.5°	506.7	504.5	503.1	496.6	491.5
60°	452.3	449.1	447.3	441.9	437.9
62.5°	395.5	393.7	391.5	387.2	382.9
65°	337.2	335.4	333.9	330.7	327.5
67.5°	279.2	278.2	278.2	276.0	275.6
70°	223.5	224.2	224.5	224.5	219.9
72.5°	173.1	173.4	175.2	173.8	173.4
75°	128.1	130.3	132.4	131.3	131.3
77.5°	92.1	95.4	95.4	94.6	93.6
80°	62.3	63.7	64.8	64.4	63.7
82.5°	39.6	40.7	39.6	40.3	40.7
85°	20.5	22.0	21.2	21.6	22.7
87.5°	6.8	7.6	7.9	7.6	7.6
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)