

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: P506615

Luminaire Tested: **24PD-35-PW1-L930**

Issue Date: 3/26/2021

Test Information

Test Method: LM-79-08
Report Number: P506615
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-10)
Test Lab: INNOVATION CENTER
Issue Date: 3/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 24PD-35-PW1-L930
Description: 3500 LUMEN, 2X4 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,
3000K LEDS
Light Source: -
Ballast/Driver: -

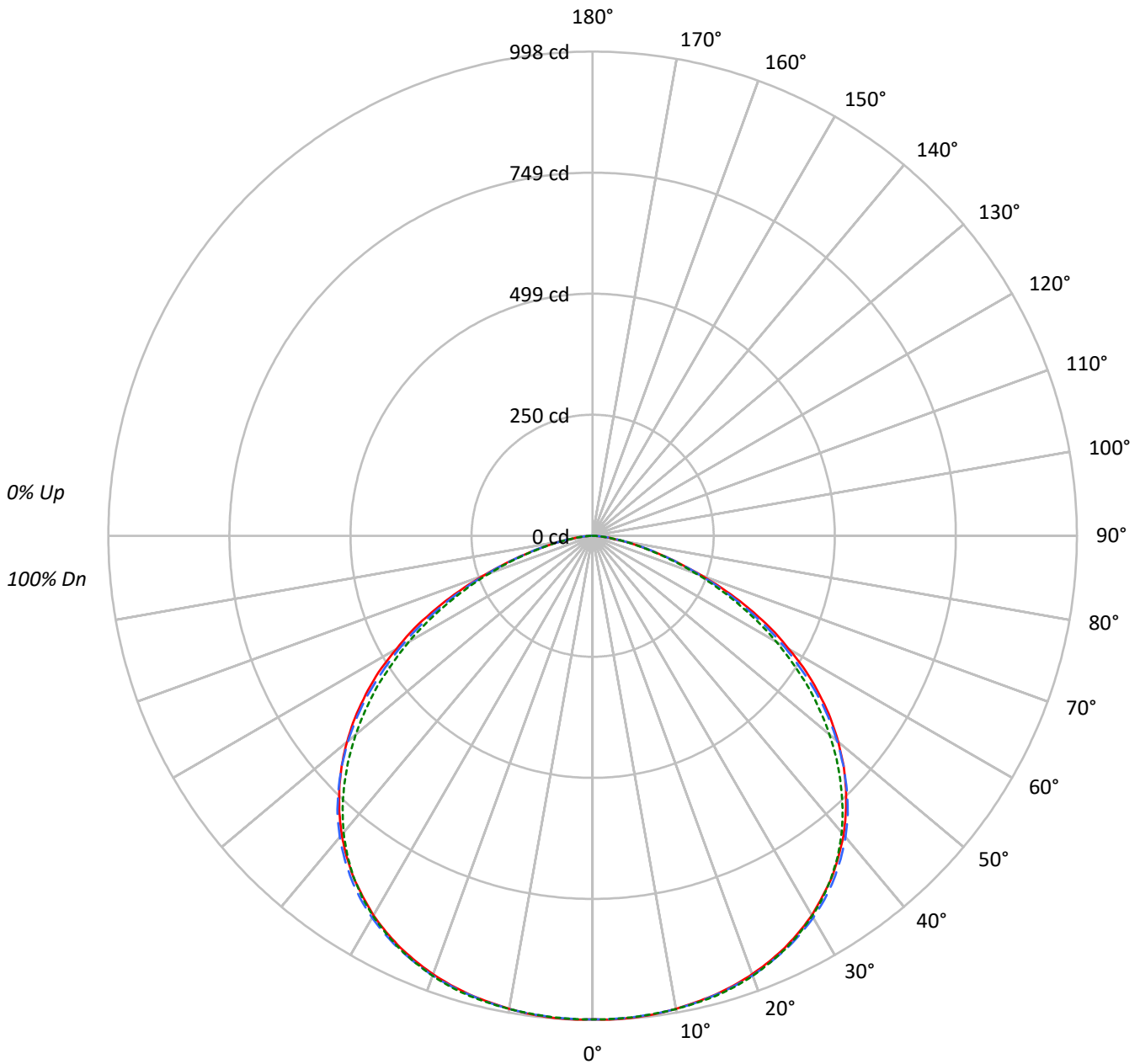
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2923.5 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Spacing Criteria (0/90/45): 1.34 / 1.34 / 1.45
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 25.3
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					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	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	98	95	93	95	92	90	91	89	87	85								
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71								
3	91	81	73	66	89	79	72	66	76	70	65	73	68	64	71	66	62	60								
4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	52								
5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	45								
6	71	57	49	42	69	56	48	42	55	47	42	53	46	41	51	46	41	39								
7	65	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34								
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30								
9	57	43	35	30	55	43	35	30	42	35	29	41	34	29	40	34	29	27								
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26	25								

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1341	1341	1341
5°	1346	1345	1345
10°	1353	1353	1353
15°	1364	1365	1368
20°	1377	1381	1382
25°	1391	1397	1395
30°	1404	1413	1406
35°	1412	1423	1410
40°	1413	1424	1402
45°	1405	1410	1376
50°	1383	1377	1334
55°	1339	1317	1270
60°	1257	1225	1177
65°	1134	1093	1048
70°	935	921	887
75°	715	722	693
80°	496	511	501
85°	296	309	301



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.9	3.2
10°-20°	277.1	9.5
20°-30°	433.4	14.8
30°-40°	539.1	18.4
40°-50°	566.6	19.4
50°-60°	497.3	17.0
60°-70°	338.7	11.6
70°-80°	149.4	5.1
80°-90°	26.9	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°	805.5	27.6
0°-40°	1344.6	46.0
0°-60°	2408.5	82.4
0°-90°	2923.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2923.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	997	997	997	997	997	
5°	997	996	996	994	996	95
15°	979	980	980	980	982	277
25°	937	940	941	941	940	432
35°	859	863	866	862	859	537
45°	738	743	741	729	723	569
55°	571	569	562	547	542	509
65°	356	348	343	336	329	351
75°	138	138	139	136	133	150
85°	19	20	20	20	20	26
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	996.9	996.9	996.9	996.9	996.9
2.5°	998.0	997.5	996.9	996.1	996.9
5°	996.6	996.4	995.5	994.4	995.5
7.5°	994.4	994.4	993.6	992.7	993.3
10°	990.2	991.1	990.2	989.4	990.5
12.5°	984.7	986.1	985.8	985.8	986.6
15°	979.1	980.2	979.9	979.9	981.9
17.5°	971.3	972.7	973.0	973.5	974.6
20°	961.6	963.5	964.6	964.4	965.2
22.5°	950.2	952.4	953.2	953.8	953.2
25°	937.1	939.6	941.3	940.7	939.9
27.5°	921.2	924.0	926.2	924.8	923.2
30°	903.4	905.9	909.2	906.7	905.1
32.5°	881.4	886.1	889.2	886.1	883.6
35°	859.4	863.3	866.1	861.9	858.6
37.5°	832.7	837.4	839.9	834.1	830.5
40°	804.6	809.3	810.7	803.2	798.5
42.5°	772.6	777.9	778.4	767.9	762.6
45°	738.4	743.1	741.1	728.9	723.3
47.5°	701.3	704.7	700.5	688.0	681.9
50°	660.7	662.7	657.7	642.9	637.1
52.5°	617.9	617.6	611.2	596.4	590.0
55°	570.8	568.6	561.6	546.9	541.6
57.5°	522.7	515.7	508.2	495.7	488.7
60°	467.3	462.0	455.3	442.8	437.5
62.5°	415.0	405.5	399.9	388.8	384.1
65°	356.2	347.6	343.2	335.6	329.2
67.5°	297.2	290.6	287.5	282.2	276.4
70°	237.7	235.7	234.1	229.1	225.4
72.5°	185.1	184.5	184.2	181.5	177.8
75°	137.5	138.3	138.9	136.4	133.3
77.5°	98.0	99.4	99.1	97.7	96.9
80°	64.0	65.1	66.0	64.6	64.6
82.5°	38.7	39.8	39.5	40.1	39.0
85°	19.2	20.0	20.0	19.8	19.5
87.5°	7.0	7.2	7.0	7.2	7.0
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)