

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: P505913

Luminaire Tested: **14PD-35-PW1-L930**

Issue Date: 3/26/2021

Test Information

Test Method: LM-79-08
Report Number: P505913
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-6)
Test Lab: INNOVATION CENTER
Issue Date: 3/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PD-35-PW1-L930
Description: 3500 LUMEN, 1X4 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,
3000K LEDS
Light Source: -
Ballast/Driver: -

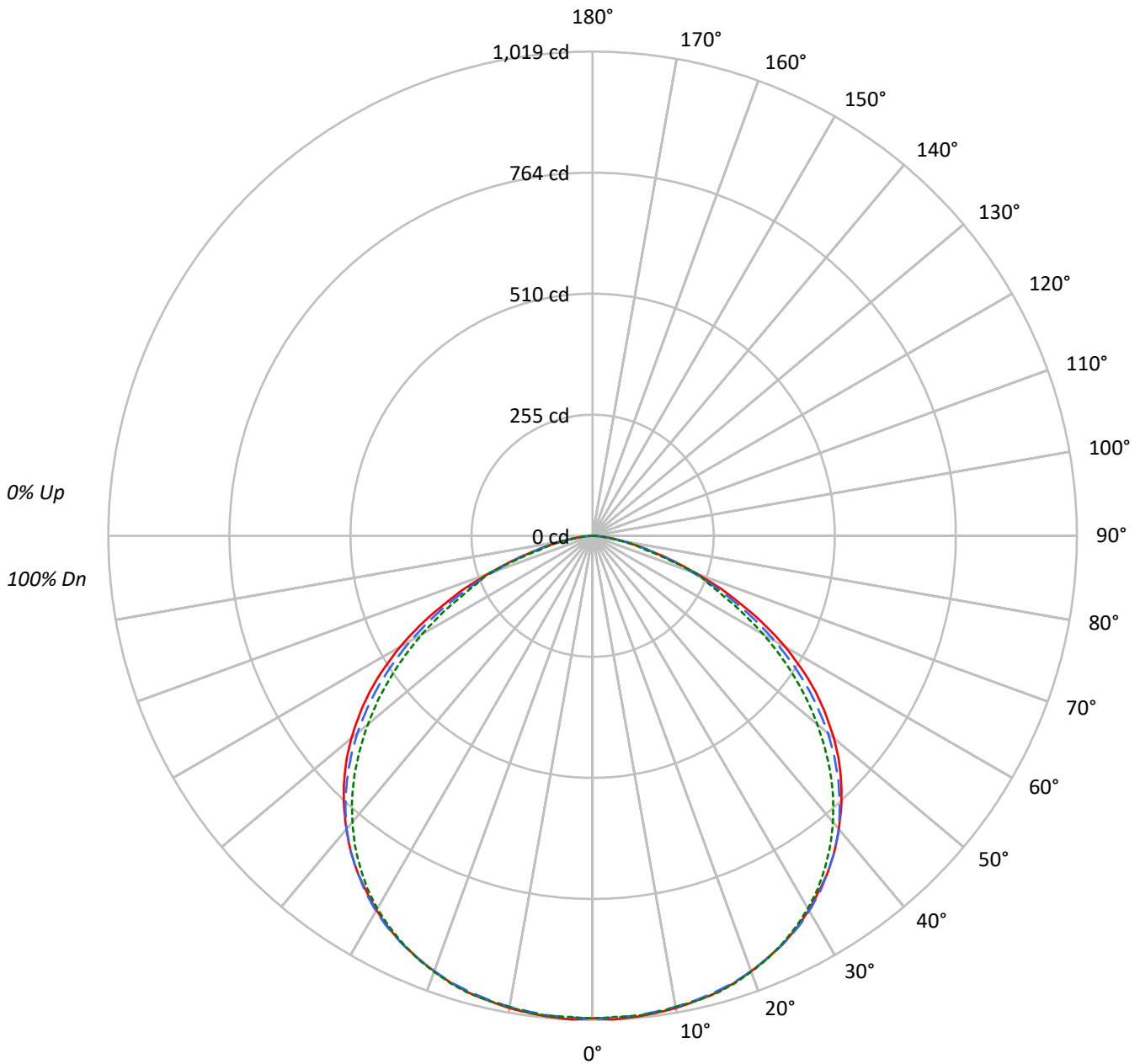
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2892.3 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.32 / 1.42
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 31.8
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									
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	110	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85																			
2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72																			
3	91	81	73	67	89	79	72	66	77	70	65	74	68	64	71	67	63	61																			
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52																			
5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45																			
6	71	58	49	43	69	57	49	42	55	48	42	53	47	42	52	46	41	39																			
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35																			
8	61	48	39	34	60	47	39	33	46	38	33	44	38	33	43	37	33	31																			
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28																			
10	54	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°	2733	2733	2733
5°	2746	2739	2742
10°	2758	2750	2752
15°	2776	2770	2780
20°	2793	2792	2796
25°	2814	2814	2809
30°	2827	2833	2815
35°	2836	2836	2801
40°	2831	2829	2763
45°	2816	2783	2694
50°	2774	2706	2583
55°	2688	2575	2435
60°	2518	2379	2231
65°	2230	2102	1963
70°	1821	1739	1834
75°	1372	1349	1211
80°	987	925	925
85°	621	584	513



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	3.3
10°-20°	281.1	9.7
20°-30°	436.4	15.1
30°-40°	537.5	18.6
40°-50°	559.6	19.3
50°-60°	486.6	16.8
60°-70°	326.9	11.3
70°-80°	141.5	4.9
80°-90°	26.0	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°	814.1	28.1
0°-40°	1351.6	46.7
0°-60°	2397.8	82.9
0°-90°	2892.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2892.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1016	1016	1016	1016	1016	
5°	1017	1010	1014	1016	1015	97
15°	997	990	994	998	998	282
25°	948	943	948	948	946	437
35°	863	861	863	856	852	540
45°	740	738	731	715	708	570
55°	573	563	549	527	519	509
65°	350	344	330	315	308	347
75°	132	133	130	133	116	146
85°	20	21	19	17	17	27
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1015.6	1015.6	1015.6	1015.6	1015.6
2.5°	1019.0	1012.7	1015.0	1018.4	1013.8
5°	1016.7	1010.4	1013.8	1016.1	1015.0
7.5°	1013.3	1008.7	1010.4	1012.7	1012.1
10°	1009.3	1004.7	1006.4	1008.7	1007.0
12.5°	1002.9	997.8	1001.2	1003.5	1002.9
15°	996.6	989.7	994.3	997.8	997.8
17.5°	987.4	981.7	986.3	989.2	988.6
20°	975.4	971.4	974.8	977.1	976.5
22.5°	961.6	958.7	962.7	962.7	962.7
25°	947.8	943.2	947.8	947.8	946.1
27.5°	930.0	926.0	931.7	930.0	927.2
30°	909.9	907.6	911.7	908.8	905.9
32.5°	886.4	885.2	889.3	883.5	881.2
35°	863.4	861.1	863.4	856.0	852.5
37.5°	836.4	834.2	836.4	826.7	821.5
40°	806.0	804.3	805.4	792.8	786.5
42.5°	774.4	772.7	769.9	754.4	749.2
45°	740.0	737.7	731.4	714.7	707.9
47.5°	703.3	699.2	690.1	672.3	663.1
50°	662.5	656.8	646.4	626.9	617.1
52.5°	618.3	611.4	598.2	578.7	569.5
55°	572.9	562.6	548.8	527.0	519.0
57.5°	521.3	510.4	496.0	475.9	466.7
60°	467.9	457.0	442.0	423.7	414.5
62.5°	411.0	401.3	386.4	369.1	361.1
65°	350.2	343.9	330.1	314.6	308.3
67.5°	292.8	286.5	275.0	261.8	264.1
70°	231.4	230.8	221.0	211.8	233.1
72.5°	180.3	179.1	173.9	169.4	168.2
75°	132.0	133.2	129.7	132.6	116.5
77.5°	93.0	94.2	93.6	85.5	89.6
80°	63.7	63.7	59.7	56.8	59.7
82.5°	38.5	45.9	41.3	33.9	32.7
85°	20.1	20.7	18.9	16.6	16.6
87.5°	7.5	8.6	7.5	6.9	6.3
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)