

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: P506048

Luminaire Tested: **14PD-60-PW1-L930**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506048
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-60-PW1-L930
Description: 6000 LUMEN, 1X4 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,
3000K LEDS
Light Source: -
Ballast/Driver: -

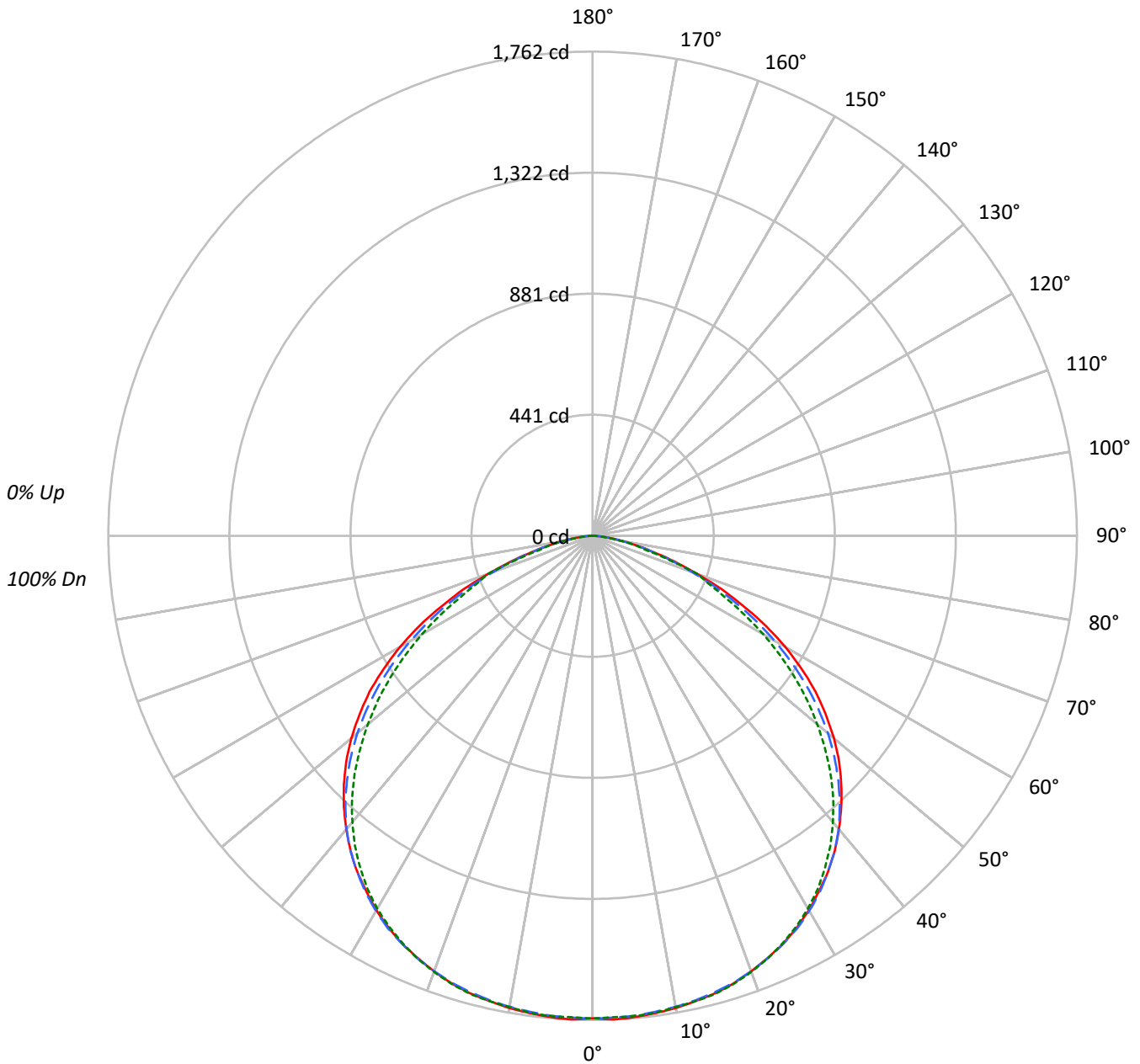
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5001.7 lumens
Efficiency: N/A
Efficacy: 84.3 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): 59.3
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									
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°	4726	4726	4726
5°	4749	4736	4742
10°	4769	4756	4758
15°	4802	4790	4807
20°	4830	4828	4836
25°	4867	4867	4858
30°	4890	4899	4868
35°	4905	4905	4843
40°	4897	4893	4778
45°	4870	4813	4658
50°	4796	4680	4468
55°	4648	4453	4211
60°	4355	4114	3858
65°	3856	3635	3394
70°	3148	3007	3172
75°	2374	2333	2095
80°	1708	1601	1601
85°	1071	1013	889



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.0	3.3
10°-20°	486.2	9.7
20°-30°	754.7	15.1
30°-40°	929.5	18.6
40°-50°	967.7	19.3
50°-60°	841.6	16.8
60°-70°	565.4	11.3
70°-80°	244.7	4.9
80°-90°	44.9	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°	1407.8	28.1
0°-40°	2337.4	46.7
0°-60°	4146.7	82.9
0°-90°	5001.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5001.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1756	1756	1756	1756	1756	
5°	1758	1747	1753	1757	1755	167
15°	1724	1712	1720	1726	1726	487
25°	1639	1631	1639	1639	1636	755
35°	1493	1489	1493	1480	1474	933
45°	1280	1276	1265	1236	1224	986
55°	991	973	949	911	898	881
65°	606	595	571	544	533	600
75°	228	230	224	229	202	252
85°	35	36	33	29	29	46
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1756.2	1756.2	1756.2	1756.2	1756.2
2.5°	1762.2	1751.3	1755.3	1761.2	1753.3
5°	1758.2	1747.3	1753.3	1757.2	1755.3
7.5°	1752.3	1744.3	1747.3	1751.3	1750.3
10°	1745.3	1737.4	1740.4	1744.3	1741.4
12.5°	1734.4	1725.5	1731.4	1735.4	1734.4
15°	1723.5	1711.6	1719.5	1725.5	1725.5
17.5°	1707.6	1697.7	1705.6	1710.6	1709.6
20°	1686.7	1679.8	1685.8	1689.7	1688.7
22.5°	1662.9	1658.0	1664.9	1664.9	1664.9
25°	1639.1	1631.2	1639.1	1639.1	1636.1
27.5°	1608.3	1601.4	1611.3	1608.3	1603.4
30°	1573.6	1569.6	1576.5	1571.6	1566.6
32.5°	1532.9	1530.9	1537.8	1527.9	1523.9
35°	1493.2	1489.2	1493.2	1480.2	1474.3
37.5°	1446.5	1442.5	1446.5	1429.6	1420.7
40°	1393.9	1390.9	1392.9	1371.0	1360.1
42.5°	1339.3	1336.3	1331.3	1304.5	1295.6
45°	1279.7	1275.7	1264.8	1236.0	1224.1
47.5°	1216.2	1209.2	1193.3	1162.6	1146.7
50°	1145.7	1135.8	1117.9	1084.1	1067.2
52.5°	1069.2	1057.3	1034.5	1000.7	984.8
55°	990.8	972.9	949.1	911.4	897.5
57.5°	901.5	882.6	857.8	823.0	807.1
60°	809.1	790.3	764.4	732.7	716.8
62.5°	710.8	694.0	668.1	638.4	624.5
65°	605.6	594.7	570.9	544.0	533.1
67.5°	506.3	495.4	475.5	452.7	456.7
70°	400.1	399.1	382.2	366.3	403.1
72.5°	311.7	309.8	300.8	292.9	290.9
75°	228.3	230.3	224.4	229.3	201.5
77.5°	160.8	162.8	161.8	147.9	154.9
80°	110.2	110.2	103.3	98.3	103.3
82.5°	66.5	79.4	71.5	58.6	56.6
85°	34.7	35.7	32.8	28.8	28.8
87.5°	12.9	14.9	12.9	11.9	10.9
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)