

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: P506051

Luminaire Tested: **14PD-60-PW1-L950**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506051
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-L950
Description: 6000 LUMEN, 1X4 PERCEIVE LED LUMINAIRE WITH WAVES LENS AND 90 CRI,
5000K LEDS
Light Source: -
Ballast/Driver: -

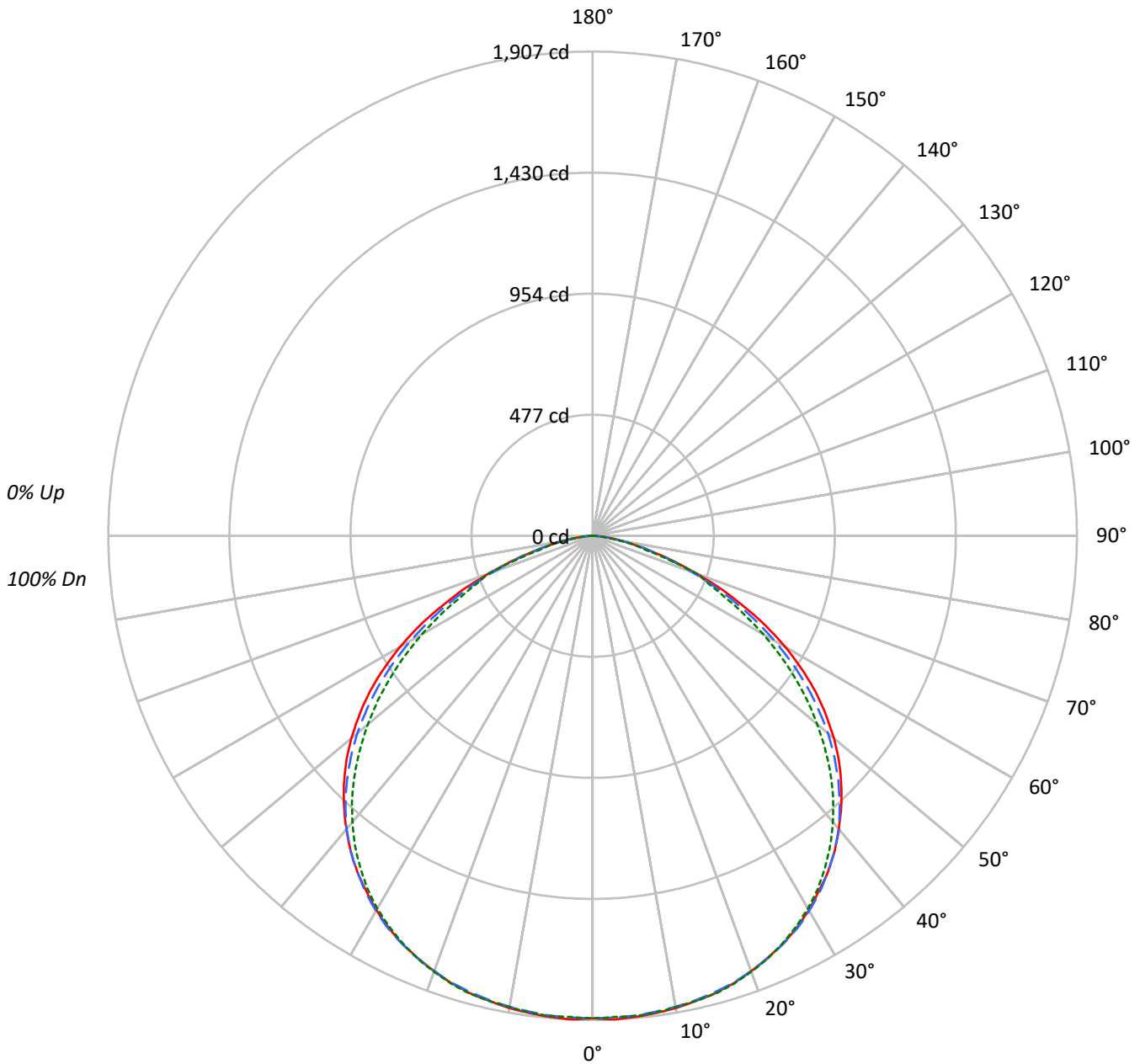
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5412.8 lumens
Efficiency: N/A
Efficacy: 91.3 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				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	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°	5114	5114	5114
5°	5140	5125	5131
10°	5161	5146	5149
15°	5196	5184	5202
20°	5227	5224	5233
25°	5267	5267	5257
30°	5291	5301	5268
35°	5308	5308	5241
40°	5299	5295	5171
45°	5270	5209	5041
50°	5190	5064	4835
55°	5030	4819	4556
60°	4712	4452	4175
65°	4173	3934	3673
70°	3407	3254	3432
75°	2569	2524	2268
80°	1849	1731	1731
85°	1161	1096	963



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.7	3.3
10°-20°	526.1	9.7
20°-30°	816.7	15.1
30°-40°	1005.9	18.6
40°-50°	1047.3	19.3
50°-60°	910.7	16.8
60°-70°	611.9	11.3
70°-80°	264.8	4.9
80°-90°	48.6	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°	1523.5	28.1
0°-40°	2529.5	46.7
0°-60°	4487.5	82.9
0°-90°	5412.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5412.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1901	1901	1901	1901	1901	
5°	1903	1891	1897	1902	1900	181
15°	1865	1852	1861	1867	1867	527
25°	1774	1765	1774	1774	1771	817
35°	1616	1612	1616	1602	1595	1010
45°	1385	1381	1369	1338	1325	1067
55°	1072	1053	1027	986	971	953
65°	655	644	618	589	577	649
75°	247	249	243	248	218	272
85°	38	39	36	31	31	50
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1900.6	1900.6	1900.6	1900.6	1900.6
2.5°	1907.0	1895.2	1899.5	1905.9	1897.3
5°	1902.7	1890.9	1897.3	1901.6	1899.5
7.5°	1896.3	1887.7	1890.9	1895.2	1894.1
10°	1888.8	1880.2	1883.4	1887.7	1884.5
12.5°	1876.9	1867.3	1873.7	1878.0	1876.9
15°	1865.1	1852.2	1860.8	1867.3	1867.3
17.5°	1847.9	1837.2	1845.8	1851.1	1850.1
20°	1825.4	1817.8	1824.3	1828.6	1827.5
22.5°	1799.6	1794.2	1801.7	1801.7	1801.7
25°	1773.8	1765.2	1773.8	1773.8	1770.6
27.5°	1740.5	1733.0	1743.7	1740.5	1735.1
30°	1702.9	1698.6	1706.1	1700.7	1695.4
32.5°	1658.8	1656.7	1664.2	1653.5	1649.2
35°	1615.9	1611.6	1615.9	1601.9	1595.4
37.5°	1565.4	1561.1	1565.4	1547.1	1537.4
40°	1508.4	1505.2	1507.3	1483.7	1471.9
42.5°	1449.3	1446.1	1440.7	1411.7	1402.1
45°	1384.9	1380.6	1368.8	1337.6	1324.7
47.5°	1316.1	1308.6	1291.4	1258.1	1240.9
50°	1239.8	1229.1	1209.7	1173.2	1155.0
52.5°	1157.1	1144.2	1119.5	1083.0	1065.8
55°	1072.2	1052.9	1027.1	986.3	971.2
57.5°	975.5	955.1	928.3	890.7	873.5
60°	875.6	855.2	827.3	792.9	775.7
62.5°	769.3	751.0	723.1	690.8	675.8
65°	655.4	643.6	617.8	588.8	576.9
67.5°	547.9	536.1	514.6	489.9	494.2
70°	433.0	431.9	413.6	396.4	436.2
72.5°	337.4	335.2	325.5	316.9	314.8
75°	247.1	249.3	242.8	248.2	218.1
77.5°	174.0	176.2	175.1	160.1	167.6
80°	119.3	119.3	111.7	106.4	111.7
82.5°	72.0	85.9	77.4	63.4	61.2
85°	37.6	38.7	35.5	31.2	31.2
87.5°	14.0	16.1	14.0	12.9	11.8
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)