

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: P506033

Luminaire Tested: **14PD-60-PL1-L950**

Issue Date: 3/26/2021



**Test Information**

Test Method: LM-79-08  
Report Number: P506033  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/26/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PD-60-PL1-L950  
Description: 6000 LUMEN, 1X4 PERCEIVE LED LUMINAIRE WITH LEAVES LENS AND 90 CRI,  
5000K LEDS  
Light Source: -  
Ballast/Driver: -

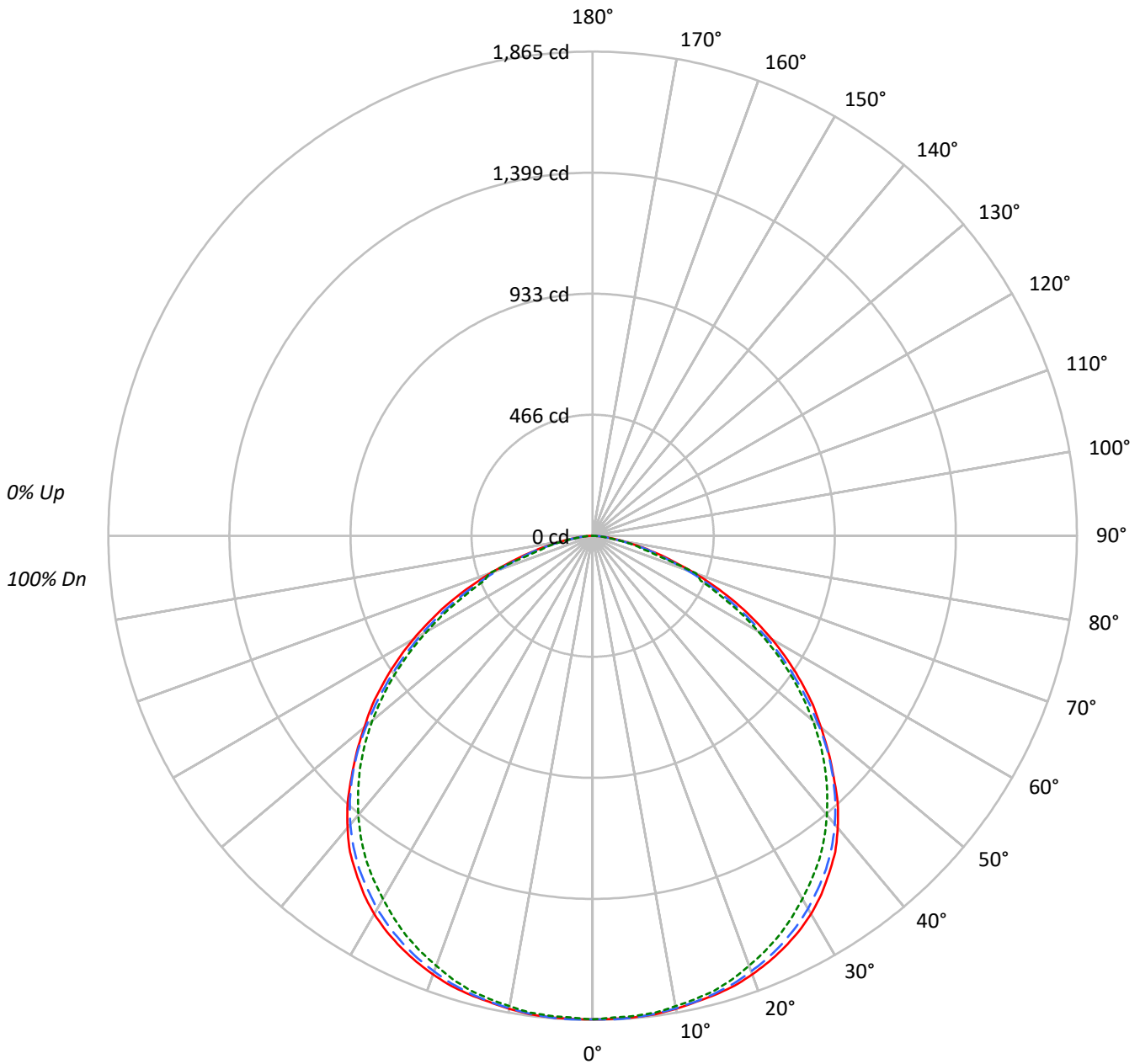
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5176.7 lumens  
Efficiency: N/A  
Efficacy: 87.3 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.29 / 1.41  
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<sub>in</sub>): 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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CATALOG NUMBER: 14PD-60-PL1-L950

### 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	98	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	78	84	79	76	81	77	74	72			
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	72	67	63	61			
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	55	52			
5	77	65	56	49	75	63	55	49	61	54	49	59	53	48	58	52	47	45			
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40			
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35			
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31			
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28			
10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	27	25			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	5012	5012	5012
5°	5029	5031	5015
10°	5056	5050	5028
15°	5098	5083	5052
20°	5149	5114	5047
25°	5193	5142	5044
30°	5228	5155	5019
35°	5215	5148	5000
40°	5160	5099	4930
45°	4994	4979	4819
50°	4804	4762	4633
55°	4597	4463	4362
60°	4294	4101	3963
65°	3869	3628	3432
70°	3235	3034	3332
75°	2552	2457	2127
80°	1838	1633	1664
85°	1167	979	917



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	177.1	3.4
10°-20°	514.7	9.9
20°-30°	795.9	15.4
30°-40°	974.1	18.8
40°-50°	998.6	19.3
50°-60°	850.5	16.4
60°-70°	568.3	11.0
70°-80°	251.9	4.9
80°-90°	45.6	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°	1487.7	28.7
0°-40°	2461.8	47.6
0°-60°	4310.9	83.3
0°-90°	5176.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5176.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1863	1863	1863	1863	1863	
5°	1862	1858	1863	1862	1856	177
15°	1830	1824	1825	1820	1814	517
25°	1749	1743	1732	1709	1699	807
35°	1587	1583	1567	1532	1522	993
45°	1312	1316	1308	1278	1266	1013
55°	980	975	951	932	930	874
65°	608	602	570	544	539	599
75°	246	248	236	237	205	266
85°	38	37	32	31	30	50
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1862.6	1862.6	1862.6	1862.6	1862.6
2.5°	1862.6	1859.5	1864.6	1866.7	1857.5
5°	1861.6	1857.5	1862.6	1861.6	1856.4
7.5°	1858.5	1851.3	1856.4	1854.4	1852.3
10°	1850.3	1844.2	1848.3	1845.2	1840.1
12.5°	1839.1	1835.0	1838.0	1835.0	1827.8
15°	1829.8	1823.7	1824.7	1819.6	1813.5
17.5°	1817.6	1808.4	1808.4	1798.1	1791.0
20°	1798.1	1790.0	1785.9	1771.5	1762.3
22.5°	1775.6	1769.5	1761.3	1742.9	1732.7
25°	1749.0	1742.9	1731.7	1709.2	1698.9
27.5°	1718.4	1710.2	1697.9	1671.3	1659.0
30°	1682.6	1672.3	1659.0	1629.4	1615.1
32.5°	1638.6	1631.4	1614.0	1583.3	1570.0
35°	1587.4	1583.3	1567.0	1532.2	1522.0
37.5°	1535.3	1527.1	1512.8	1475.9	1465.7
40°	1468.8	1463.7	1451.4	1415.6	1403.3
42.5°	1397.2	1394.1	1383.9	1350.1	1336.8
45°	1312.3	1316.4	1308.2	1278.5	1266.3
47.5°	1231.5	1229.4	1226.4	1199.8	1189.6
50°	1147.6	1143.5	1137.4	1115.9	1106.7
52.5°	1068.9	1060.7	1044.3	1025.9	1019.8
55°	979.9	974.8	951.2	931.8	929.8
57.5°	889.9	886.8	858.2	835.7	835.7
60°	797.8	793.7	762.0	738.5	736.4
62.5°	701.7	698.6	665.9	639.3	640.3
65°	607.6	602.4	569.7	544.1	539.0
67.5°	509.4	507.3	475.6	452.1	450.0
70°	411.2	411.2	385.6	365.2	423.5
72.5°	324.2	321.2	300.7	291.5	278.2
75°	245.5	248.5	236.3	237.3	204.6
77.5°	174.9	169.8	164.7	153.4	162.6
80°	118.6	115.6	105.4	102.3	107.4
82.5°	73.6	74.7	65.5	59.3	58.3
85°	37.8	36.8	31.7	30.7	29.7
87.5°	14.3	15.3	13.3	12.3	11.3
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)