

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: P506382

Luminaire Tested: **22PD-60-PL1-L935**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506382
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-3)
Test Lab: INNOVATION CENTER
Issue Date: 3/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PD-60-PL1-L935
Description: 6000 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH LEAVES LENS AND 90 CRI,
3500K LEDS
Light Source: -
Ballast/Driver: -

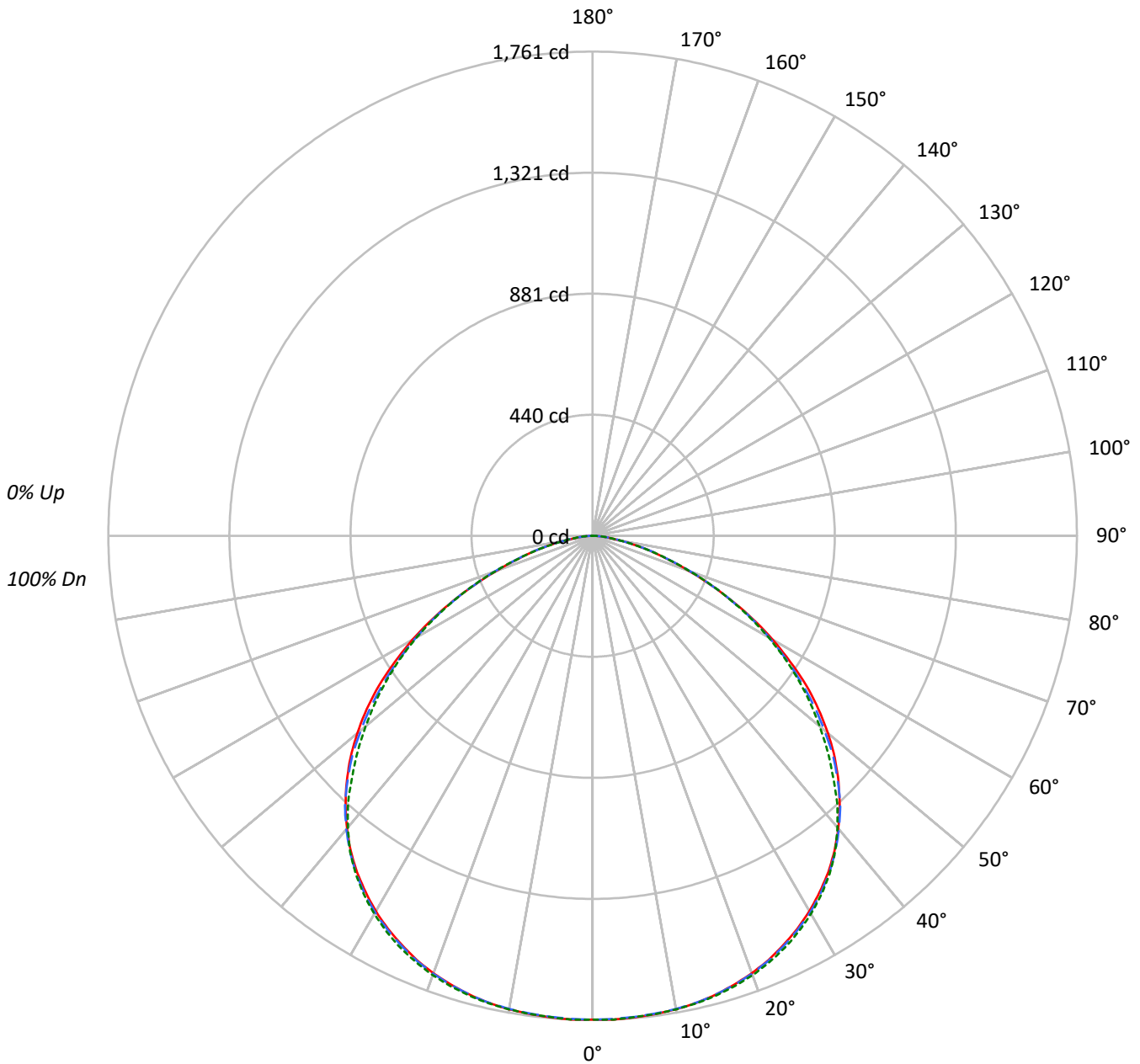
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4985.7 lumens
Efficiency: N/A
Efficacy: 95.0 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.33 / 1.42
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 52.5
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	84	79	76	81	77	74	72																			
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61																			
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52																			
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45																			
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40																			
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35																			
8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	37	33	31																			
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28																			
10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4737	4737	4737
5°	4750	4745	4746
10°	4779	4774	4779
15°	4814	4814	4824
20°	4849	4854	4870
25°	4875	4886	4910
30°	4899	4915	4934
35°	4907	4923	4933
40°	4881	4894	4864
45°	4812	4797	4701
50°	4676	4603	4510
55°	4449	4335	4286
60°	4073	3996	3973
65°	3552	3544	3532
70°	2911	2960	2950
75°	2307	2346	2307
80°	1691	1681	1671
85°	1130	1108	1186



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.4	3.4
10°-20°	488.4	9.8
20°-30°	759.1	15.2
30°-40°	935.8	18.8
40°-50°	966.7	19.4
50°-60°	827.1	16.6
60°-70°	552.0	11.1
70°-80°	242.2	4.9
80°-90°	46.8	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°	1414.9	28.4
0°-40°	2350.7	47.2
0°-60°	4144.5	83.1
0°-90°	4985.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4985.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1760	1760	1760	1760	1760	
5°	1758	1756	1756	1755	1757	168
15°	1728	1726	1728	1729	1732	488
25°	1642	1642	1646	1650	1654	757
35°	1494	1494	1499	1502	1502	933
45°	1264	1264	1261	1249	1235	973
55°	948	936	924	919	914	843
65°	558	557	557	558	555	553
75°	222	220	226	224	222	241
85°	37	36	36	37	38	47
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1760.2	1760.2	1760.2	1760.2	1760.2
2.5°	1761.4	1759.0	1758.3	1758.3	1761.4
5°	1758.3	1755.9	1756.5	1755.2	1757.1
7.5°	1754.0	1751.5	1752.1	1751.5	1754.0
10°	1749.0	1746.6	1747.2	1746.6	1749.0
12.5°	1740.4	1738.5	1739.7	1740.4	1742.2
15°	1728.0	1726.1	1728.0	1729.2	1731.7
17.5°	1711.8	1710.6	1712.5	1714.3	1717.4
20°	1693.3	1692.0	1695.1	1697.0	1700.7
22.5°	1670.3	1669.1	1672.2	1676.5	1679.0
25°	1641.8	1641.8	1645.5	1650.5	1653.6
27.5°	1611.4	1610.8	1615.2	1620.1	1623.2
30°	1576.7	1575.5	1581.7	1586.0	1587.9
32.5°	1536.4	1537.1	1542.6	1547.0	1547.6
35°	1493.7	1493.7	1498.6	1501.7	1501.7
37.5°	1444.7	1444.1	1449.1	1450.3	1448.4
40°	1389.6	1390.2	1393.3	1392.7	1384.6
42.5°	1330.1	1330.7	1333.2	1324.5	1316.4
45°	1264.4	1263.7	1260.6	1248.9	1235.2
47.5°	1194.3	1191.2	1186.3	1168.3	1158.4
50°	1116.9	1111.9	1099.5	1085.2	1077.2
52.5°	1035.0	1026.4	1014.0	1002.8	996.0
55°	948.3	936.5	924.1	919.1	913.6
57.5°	851.6	844.1	833.6	831.1	827.4
60°	756.8	748.7	742.5	742.5	738.2
62.5°	657.6	652.6	650.2	651.4	647.1
65°	557.8	556.6	556.6	558.4	554.7
67.5°	461.1	463.6	463.0	469.2	464.2
70°	370.0	374.4	376.2	382.4	375.0
72.5°	291.3	291.9	294.4	296.3	292.5
75°	221.9	220.0	225.6	224.4	221.9
77.5°	160.5	159.3	161.1	162.4	159.3
80°	109.1	107.8	108.5	110.3	107.8
82.5°	68.8	67.6	67.6	69.4	68.8
85°	36.6	35.9	35.9	37.2	38.4
87.5°	13.0	12.4	13.0	13.0	13.0
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)