

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: P506391

Luminaire Tested: **22PD-60-PR1-L935**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2102-132-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PD-60-PR1-L935
Description: 6000 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH RIPPLE LENS AND 90 CRI,
3500K LEDS
Light Source: -
Ballast/Driver: -

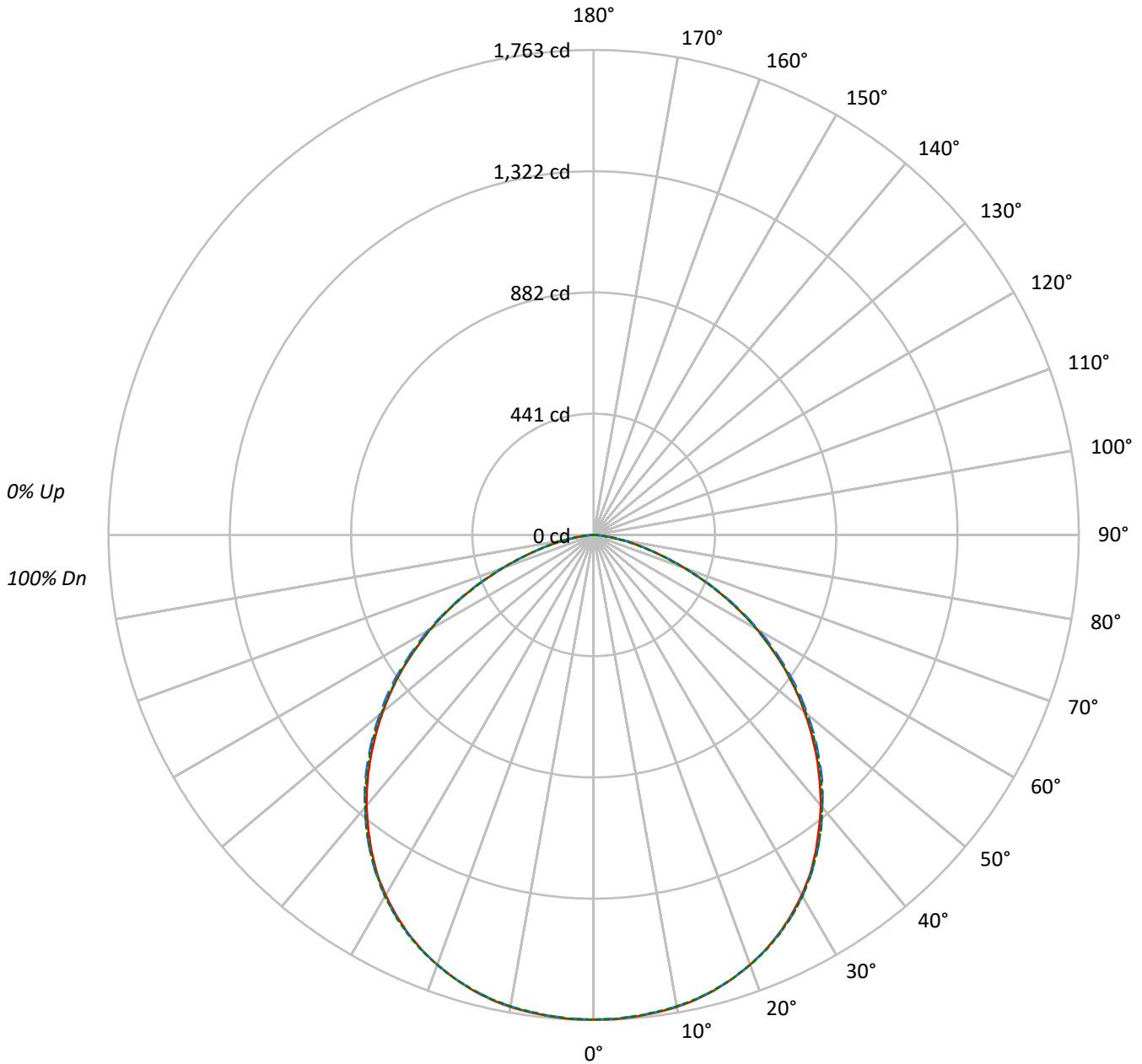
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4707.0 lumens
Efficiency: N/A
Efficacy: 89.7 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.37
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				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			100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85			85
2	100	92	86	80	98	90	85	80	87	82	78	84	80	76	81	77	74	72			72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61			61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	56	64	59	55	53			53
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46			46
6	71	58	50	43	70	58	49	43	56	48	43	54	48	43	52	47	42	40			40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	36			36
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32			32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29			29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26			26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4740	4740	4740
5°	4747	4744	4744
10°	4762	4755	4755
15°	4768	4763	4765
20°	4761	4760	4763
25°	4741	4746	4750
30°	4698	4713	4715
35°	4619	4644	4642
40°	4511	4542	4536
45°	4363	4419	4397
50°	4186	4250	4216
55°	3973	4037	3979
60°	3684	3735	3671
65°	3287	3321	3283
70°	2765	2765	2746
75°	2166	2166	2142
80°	1587	1568	1559
85°	1034	1034	1053



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.1	3.6
10°-20°	482.7	10.3
20°-30°	736.3	15.6
30°-40°	882.5	18.7
40°-50°	891.2	18.9
50°-60°	762.5	16.2
60°-70°	514.2	10.9
70°-80°	226.8	4.8
80°-90°	43.5	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°	1386.2	29.4
0°-40°	2268.6	48.2
0°-60°	3922.4	83.3
0°-90°	4707.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4707.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1762	1762	1762	1762	1762	
5°	1757	1755	1756	1755	1756	167
15°	1712	1711	1710	1709	1710	483
25°	1597	1598	1598	1598	1600	735
35°	1406	1414	1414	1412	1413	879
45°	1146	1155	1161	1159	1155	884
55°	847	855	860	859	848	755
65°	516	520	522	520	516	510
75°	208	209	208	209	206	227
85°	34	34	34	34	34	44
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1761.5	1761.5	1761.5	1761.5	1761.5
2.5°	1762.7	1760.3	1759.8	1759.2	1761.5
5°	1757.4	1755.0	1756.2	1755.0	1756.2
7.5°	1750.9	1748.6	1749.2	1748.0	1749.2
10°	1742.7	1740.3	1740.3	1739.2	1740.3
12.5°	1729.7	1728.0	1727.4	1726.2	1728.0
15°	1711.5	1710.9	1709.7	1709.1	1710.3
17.5°	1689.1	1688.0	1689.1	1687.4	1688.5
20°	1662.6	1663.2	1662.1	1662.6	1663.2
22.5°	1632.6	1632.6	1633.2	1633.2	1634.4
25°	1596.7	1598.5	1598.5	1598.5	1599.7
27.5°	1556.7	1559.1	1560.8	1559.6	1560.8
30°	1512.0	1516.1	1516.7	1516.1	1517.3
32.5°	1463.7	1466.7	1468.4	1467.2	1466.1
35°	1406.0	1414.3	1413.7	1412.5	1413.1
37.5°	1345.4	1353.7	1356.6	1354.2	1354.8
40°	1284.2	1291.3	1293.0	1293.6	1291.3
42.5°	1216.5	1224.8	1231.2	1228.3	1224.8
45°	1146.5	1155.3	1161.2	1159.4	1155.3
47.5°	1074.1	1082.3	1090.6	1087.6	1083.5
50°	999.9	1008.2	1015.2	1014.1	1007.0
52.5°	924.0	933.4	939.9	937.6	928.1
55°	846.9	854.6	860.5	859.3	848.1
57.5°	763.3	773.3	776.3	774.5	766.3
60°	684.5	691.0	693.9	691.5	682.1
62.5°	600.3	605.6	608.0	607.4	600.9
65°	516.2	520.3	521.5	520.3	515.6
67.5°	429.6	435.5	436.1	436.1	431.4
70°	351.4	353.1	351.4	356.1	349.0
72.5°	275.4	276.6	275.4	275.4	272.5
75°	208.3	208.9	208.3	208.9	206.0
77.5°	150.7	151.8	149.5	151.3	148.3
80°	102.4	102.4	101.2	101.8	100.6
82.5°	63.6	64.7	63.0	63.0	62.4
85°	33.5	33.5	33.5	34.1	34.1
87.5°	11.8	11.8	12.4	12.4	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)