

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: P506390

Luminaire Tested: **22PD-60-PR1-L930**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506390
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-L930
Description: 6000 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH RIPPLE LENS AND 90 CRI,
3000K LEDS
Light Source: -
Ballast/Driver: -

Summary

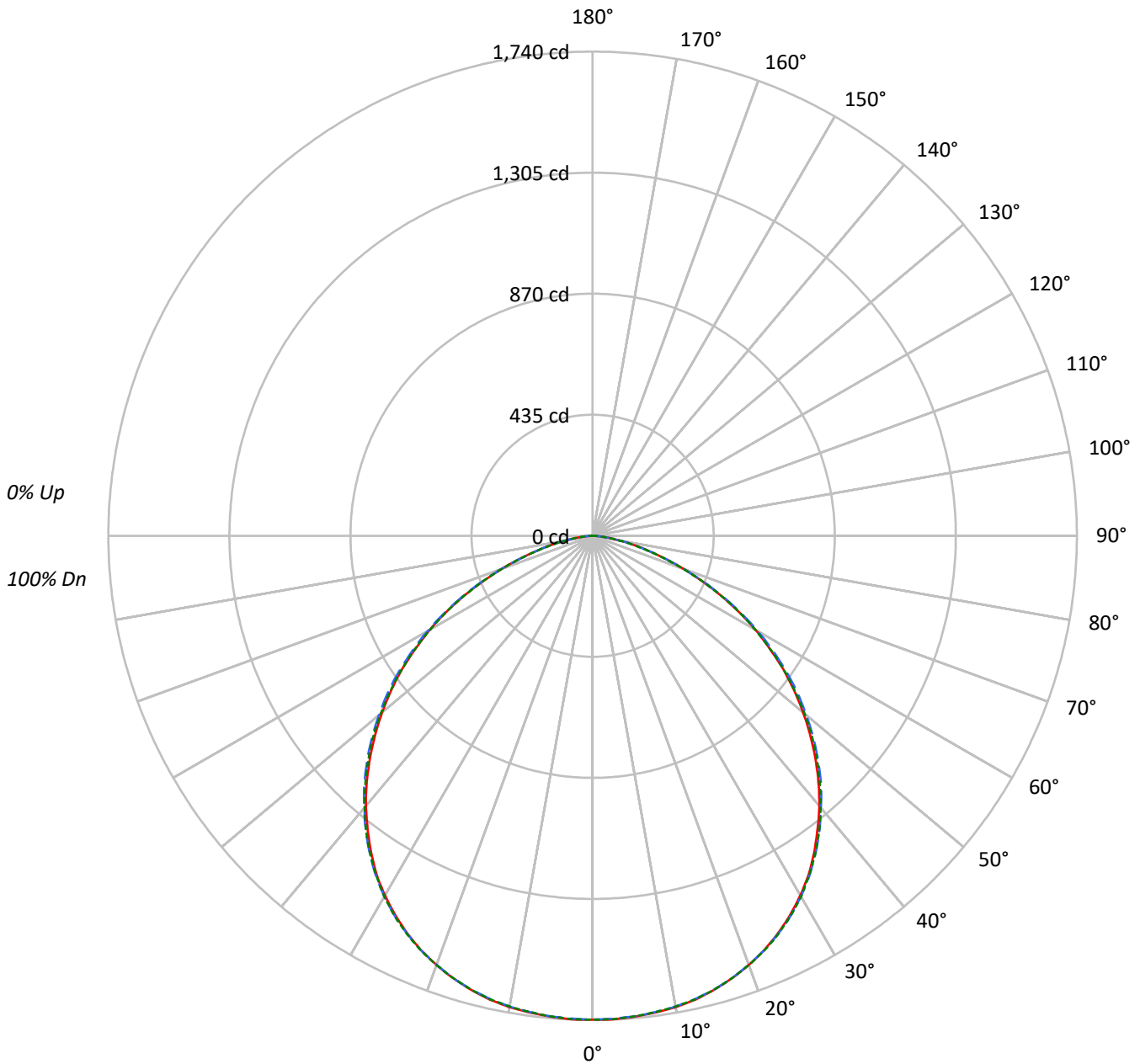
Lumens per Lamp: N/A
Luminaire Lumens: 4646.0 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.37
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

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									
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	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85																			
2	100	92	86	80	98	90	85	80	87	82	78	84	80	76	81	77	74	72																			
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61																			
4	84	72	64	57	82	71	63	57	69	62	56	66	60	56	64	59	55	53																			
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46																			
6	71	58	50	43	70	58	49	43	56	48	43	54	48	43	52	47	42	40																			
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	36																			
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32																			
9	58	44	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29																			
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4679	4679	4679
5°	4686	4683	4683
10°	4700	4694	4694
15°	4706	4701	4703
20°	4700	4698	4701
25°	4679	4685	4688
30°	4637	4652	4653
35°	4559	4584	4582
40°	4453	4483	4477
45°	4306	4362	4340
50°	4132	4195	4161
55°	3922	3985	3927
60°	3636	3686	3624
65°	3244	3277	3240
70°	2729	2729	2710
75°	2138	2138	2114
80°	1567	1548	1539
85°	1022	1022	1041



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.9	3.6
10°-20°	476.5	10.3
20°-30°	726.8	15.6
30°-40°	871.0	18.7
40°-50°	879.7	18.9
50°-60°	752.6	16.2
60°-70°	507.5	10.9
70°-80°	223.9	4.8
80°-90°	43.0	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°	1368.2	29.4
0°-40°	2239.2	48.2
0°-60°	3871.6	83.3
0°-90°	4646.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4646.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1739	1739	1739	1739	1739	
5°	1735	1732	1734	1732	1734	165
15°	1689	1689	1688	1687	1688	477
25°	1576	1578	1578	1578	1579	726
35°	1388	1396	1395	1394	1395	867
45°	1132	1140	1146	1144	1140	872
55°	836	844	849	848	837	745
65°	510	514	515	514	509	503
75°	206	206	206	206	203	224
85°	33	33	33	34	34	43
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1738.7	1738.7	1738.7	1738.7	1738.7
2.5°	1739.9	1737.5	1736.9	1736.4	1738.7
5°	1734.6	1732.3	1733.5	1732.3	1733.5
7.5°	1728.2	1725.9	1726.5	1725.3	1726.5
10°	1720.1	1717.8	1717.8	1716.6	1717.8
12.5°	1707.3	1705.6	1705.0	1703.8	1705.6
15°	1689.3	1688.7	1687.6	1687.0	1688.2
17.5°	1667.2	1666.1	1667.2	1665.5	1666.7
20°	1641.1	1641.7	1640.5	1641.1	1641.7
22.5°	1611.5	1611.5	1612.1	1612.1	1613.2
25°	1576.0	1577.8	1577.8	1577.8	1578.9
27.5°	1536.5	1538.9	1540.6	1539.4	1540.6
30°	1492.4	1496.4	1497.0	1496.4	1497.6
32.5°	1444.7	1447.6	1449.4	1448.2	1447.1
35°	1387.8	1395.9	1395.4	1394.2	1394.8
37.5°	1328.0	1336.1	1339.0	1336.7	1337.3
40°	1267.6	1274.5	1276.3	1276.9	1274.5
42.5°	1200.8	1208.9	1215.3	1212.4	1208.9
45°	1131.6	1140.3	1146.2	1144.4	1140.3
47.5°	1060.2	1068.3	1076.4	1073.5	1069.5
50°	987.0	995.1	1002.1	1000.9	994.0
52.5°	912.0	921.3	927.7	925.4	916.1
55°	835.9	843.5	849.3	848.1	837.1
57.5°	753.5	763.3	766.2	764.5	756.4
60°	675.6	682.0	684.9	682.6	673.3
62.5°	592.5	597.8	600.1	599.5	593.1
65°	509.5	513.5	514.7	513.5	508.9
67.5°	424.1	429.9	430.5	430.5	425.8
70°	346.8	348.6	346.8	351.5	344.5
72.5°	271.9	273.0	271.9	271.9	269.0
75°	205.6	206.2	205.6	206.2	203.3
77.5°	148.7	149.9	147.6	149.3	146.4
80°	101.1	101.1	99.9	100.5	99.3
82.5°	62.7	63.9	62.2	62.2	61.6
85°	33.1	33.1	33.1	33.7	33.7
87.5°	11.6	11.6	12.2	12.2	11.6
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)