

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: P506228

Luminaire Tested: **22PD-30-PR1-L930**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506228
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-30-PR1-L930
Description: 3000 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH RIPPLE LENS AND 90 CRI, 3000K LEDS
Light Source: -
Ballast/Driver: -

Summary

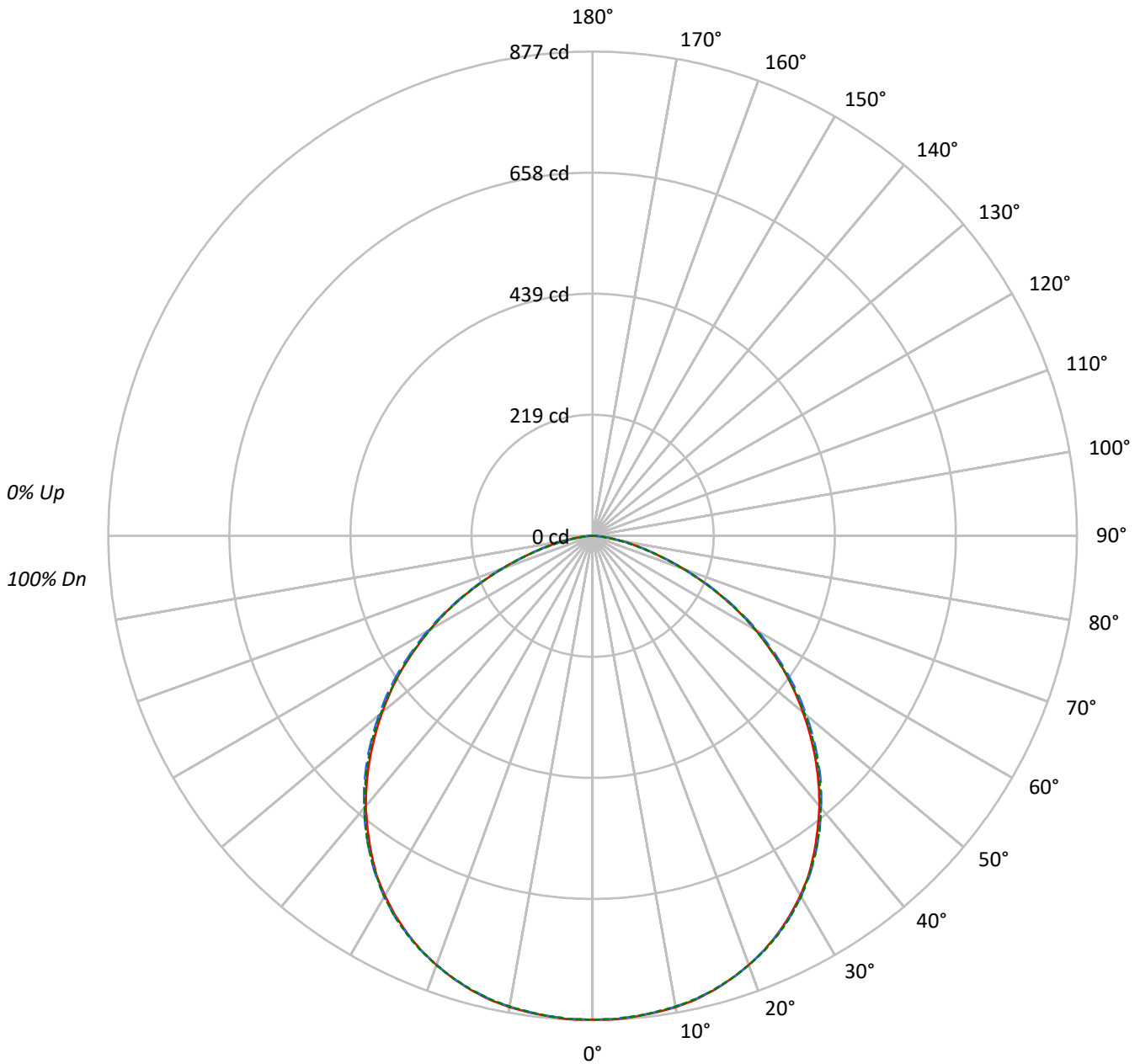
Lumens per Lamp: N/A
Luminaire Lumens: 2342.0 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.37
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 24.6
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°	2359	2359	2359
5°	2362	2360	2360
10°	2369	2366	2366
15°	2372	2370	2371
20°	2369	2368	2370
25°	2359	2361	2363
30°	2338	2345	2346
35°	2298	2311	2310
40°	2245	2260	2257
45°	2171	2199	2187
50°	2083	2115	2097
55°	1977	2008	1980
60°	1833	1858	1827
65°	1635	1652	1633
70°	1375	1375	1367
75°	1078	1078	1066
80°	790	781	776
85°	516	516	525



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	3.6
10°-20°	240.2	10.3
20°-30°	366.4	15.6
30°-40°	439.1	18.7
40°-50°	443.4	18.9
50°-60°	379.4	16.2
60°-70°	255.9	10.9
70°-80°	112.9	4.8
80°-90°	21.7	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°	689.7	29.4
0°-40°	1128.8	48.2
0°-60°	1951.6	83.3
0°-90°	2342.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2342.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	876	876	876	876	876	
5°	874	873	874	873	874	83
15°	852	851	851	850	851	240
25°	794	795	795	795	796	366
35°	700	704	703	703	703	437
45°	570	575	578	577	575	440
55°	421	425	428	428	422	375
65°	257	259	260	259	256	254
75°	104	104	104	104	102	113
85°	17	17	17	17	17	22
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	876.5	876.5	876.5	876.5	876.5
2.5°	877.0	875.9	875.6	875.3	876.5
5°	874.4	873.2	873.8	873.2	873.8
7.5°	871.2	870.0	870.3	869.7	870.3
10°	867.1	865.9	865.9	865.3	865.9
12.5°	860.6	859.8	859.5	858.9	859.8
15°	851.6	851.3	850.7	850.4	851.0
17.5°	840.4	839.9	840.4	839.6	840.1
20°	827.3	827.6	827.0	827.3	827.6
22.5°	812.3	812.3	812.6	812.6	813.2
25°	794.5	795.3	795.3	795.3	795.9
27.5°	774.5	775.7	776.6	776.0	776.6
30°	752.3	754.3	754.6	754.3	754.9
32.5°	728.3	729.7	730.6	730.0	729.5
35°	699.6	703.7	703.4	702.8	703.1
37.5°	669.4	673.5	675.0	673.8	674.1
40°	639.0	642.5	643.4	643.7	642.5
42.5°	605.3	609.4	612.6	611.1	609.4
45°	570.4	574.8	577.8	576.9	574.8
47.5°	534.4	538.5	542.6	541.2	539.1
50°	497.5	501.6	505.1	504.6	501.0
52.5°	459.8	464.4	467.7	466.5	461.8
55°	421.4	425.2	428.1	427.5	422.0
57.5°	379.8	384.8	386.2	385.4	381.3
60°	340.6	343.8	345.3	344.1	339.4
62.5°	298.7	301.3	302.5	302.2	299.0
65°	256.8	258.9	259.5	258.9	256.5
67.5°	213.8	216.7	217.0	217.0	214.6
70°	174.8	175.7	174.8	177.2	173.7
72.5°	137.0	137.6	137.0	137.0	135.6
75°	103.7	104.0	103.7	104.0	102.5
77.5°	75.0	75.6	74.4	75.3	73.8
80°	51.0	51.0	50.4	50.7	50.1
82.5°	31.6	32.2	31.3	31.3	31.0
85°	16.7	16.7	16.7	17.0	17.0
87.5°	5.9	5.9	6.1	6.1	5.9
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)