

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: P506229

Luminaire Tested: **22PD-30-PR1-L935**

Issue Date: 3/26/2021



Test Information

Test Method: LM-79-08
Report Number: P506229
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-L935
Description: 3000 LUMEN, 2X2 PERCEIVE LED LUMINAIRE WITH RIPPLE LENS AND 90 CRI,
3500K LEDS
Light Source: -
Ballast/Driver: -

Summary

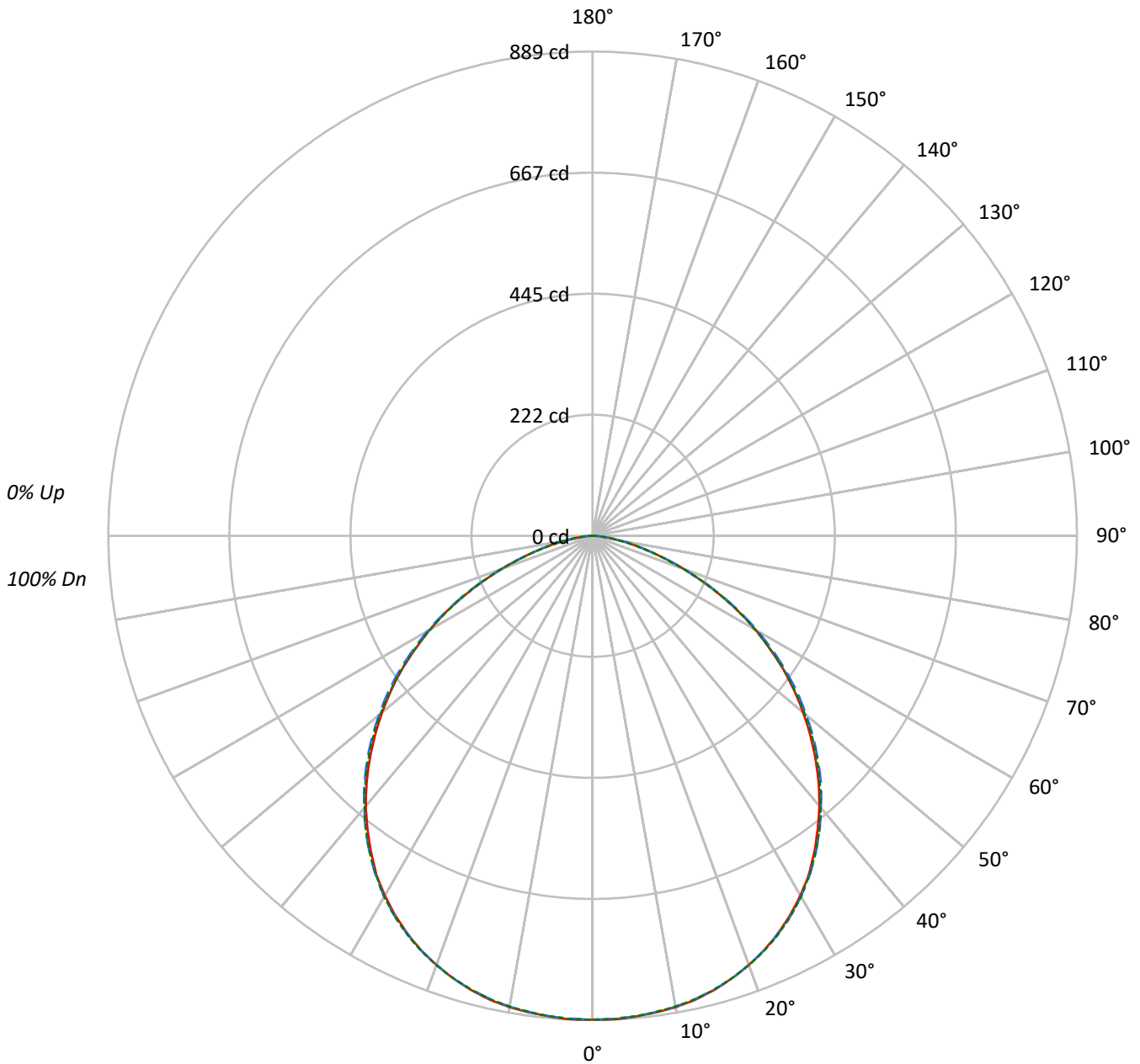
Lumens per Lamp: N/A
Luminaire Lumens: 2374.0 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.37
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	2391	2391	2391
5°	2394	2393	2393
10°	2402	2398	2398
15°	2405	2402	2403
20°	2401	2401	2402
25°	2391	2394	2396
30°	2370	2377	2378
35°	2329	2342	2341
40°	2275	2291	2288
45°	2200	2229	2218
50°	2111	2143	2126
55°	2004	2036	2007
60°	1858	1884	1851
65°	1657	1675	1656
70°	1394	1394	1385
75°	1093	1093	1080
80°	800	792	787
85°	522	522	531



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	3.6
10°-20°	243.5	10.3
20°-30°	371.4	15.6
30°-40°	445.1	18.7
40°-50°	449.5	18.9
50°-60°	384.6	16.2
60°-70°	259.3	10.9
70°-80°	114.4	4.8
80°-90°	22.0	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°	699.1	29.4
0°-40°	1144.2	48.2
0°-60°	1978.3	83.3
0°-90°	2374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2374.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	888	888	888	888	888	
5°	886	885	886	885	886	84
15°	863	863	862	862	863	244
25°	805	806	806	806	807	371
35°	709	713	713	712	713	443
45°	578	583	586	585	583	446
55°	427	431	434	433	428	381
65°	260	262	263	262	260	257
75°	105	105	105	105	104	114
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°	888.4	888.4	888.4	888.4	888.4
2.5°	889.0	887.8	887.5	887.2	888.4
5°	886.4	885.2	885.8	885.2	885.8
7.5°	883.1	881.9	882.2	881.6	882.2
10°	878.9	877.7	877.7	877.2	877.7
12.5°	872.4	871.5	871.2	870.6	871.5
15°	863.2	862.9	862.3	862.0	862.6
17.5°	851.9	851.3	851.9	851.0	851.6
20°	838.6	838.9	838.3	838.6	838.9
22.5°	823.4	823.4	823.7	823.7	824.3
25°	805.3	806.2	806.2	806.2	806.8
27.5°	785.1	786.3	787.2	786.6	787.2
30°	762.6	764.7	764.9	764.7	765.2
32.5°	738.2	739.7	740.6	740.0	739.4
35°	709.1	713.3	713.0	712.4	712.7
37.5°	678.6	682.7	684.2	683.0	683.3
40°	647.7	651.3	652.1	652.4	651.3
42.5°	613.6	617.7	621.0	619.5	617.7
45°	578.2	582.7	585.7	584.8	582.7
47.5°	541.7	545.9	550.0	548.6	546.5
50°	504.3	508.5	512.0	511.4	507.9
52.5°	466.0	470.8	474.0	472.9	468.1
55°	427.1	431.0	434.0	433.4	427.7
57.5°	385.0	390.0	391.5	390.6	386.5
60°	345.2	348.5	350.0	348.8	344.0
62.5°	302.8	305.4	306.6	306.3	303.1
65°	260.3	262.4	263.0	262.4	260.0
67.5°	216.7	219.7	220.0	220.0	217.6
70°	177.2	178.1	177.2	179.6	176.0
72.5°	138.9	139.5	138.9	138.9	137.4
75°	105.1	105.4	105.1	105.4	103.9
77.5°	76.0	76.6	75.4	76.3	74.8
80°	51.6	51.6	51.1	51.4	50.8
82.5°	32.1	32.7	31.8	31.8	31.5
85°	16.9	16.9	16.9	17.2	17.2
87.5°	5.9	5.9	6.2	6.2	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)