

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: P738339

Luminaire Tested: **22PT-35-PW1-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738339
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2210-816-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-35-PW1-L930
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND WAVES LENS

Light Source: -
Ballast/Driver: -

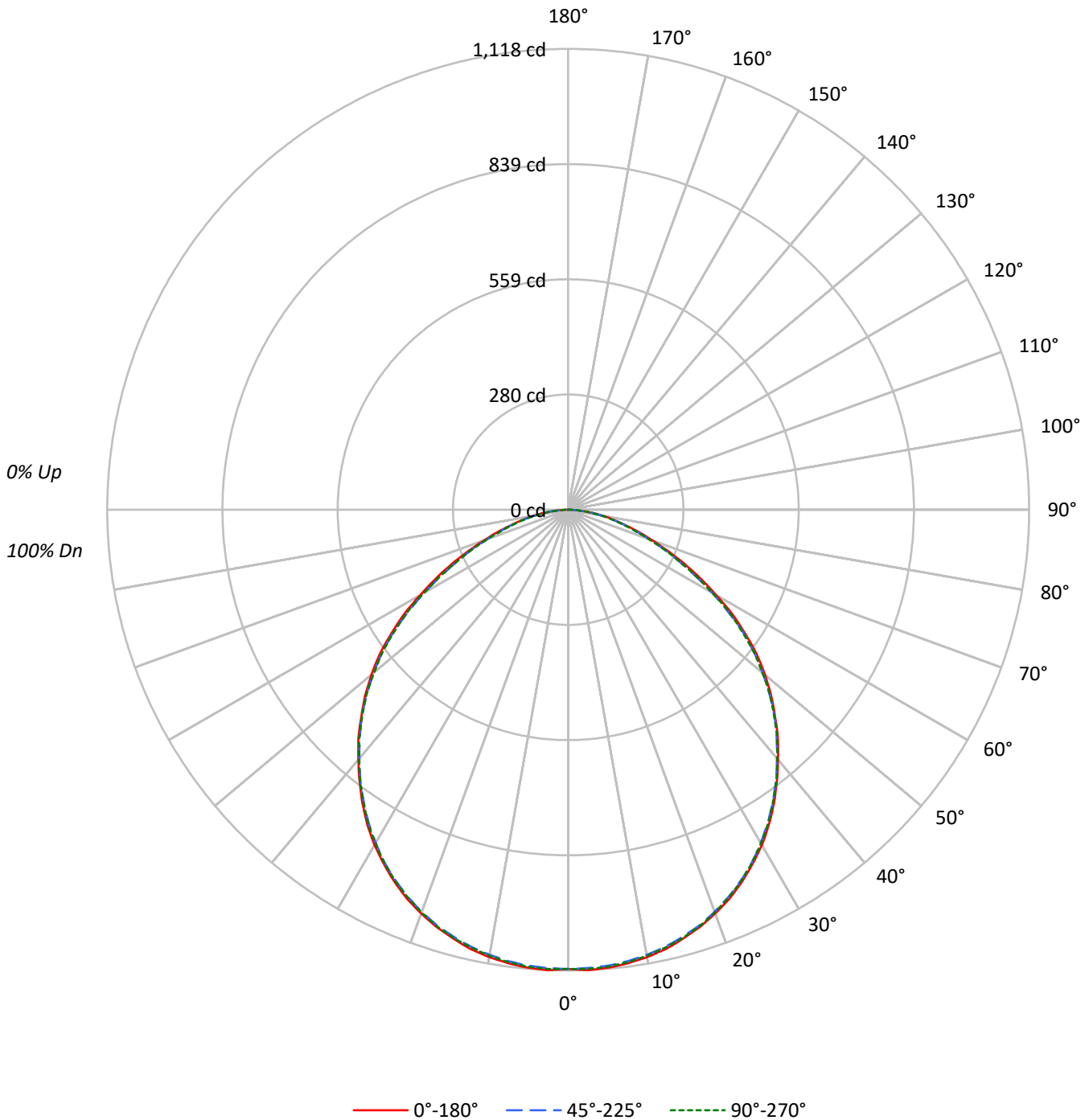
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2902.0 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.34
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')
CIE Type: Direct

Input Watts (W): 26.3
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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	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	92	81	74	67	89	80	73	67	77	71	66		74	69	64		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	72	59	50	44	70	58	49	43	56	48	43		54	48	43		53	47	42	40
7	66	53	45	39	65	52	44	38	51	44	38		49	43	38		48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34		45	39	34		44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31		42	35	31		41	35	31	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°	3265	3265	3265
5°	3281	3266	3273
10°	3279	3263	3269
15°	3268	3254	3262
20°	3251	3237	3242
25°	3222	3207	3212
30°	3179	3159	3163
35°	3112	3094	3097
40°	3029	3013	3016
45°	2941	2930	2926
50°	2839	2808	2800
55°	2675	2640	2625
60°	2428	2358	2363
65°	2159	2058	2058
70°	1850	1783	1770
75°	1605	1570	1534
80°	1444	1385	1358
85°	1146	1156	1093



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.7	3.6
10°-20°	303.0	10.4
20°-30°	457.1	15.8
30°-40°	541.4	18.7
40°-50°	545.0	18.8
50°-60°	460.8	15.9
60°-70°	299.7	10.3
70°-80°	149.1	5.1
80°-90°	40.2	1.4
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°	865.8	29.8
0°-40°	1407.2	48.5
0°-60°	2413.0	83.2
0°-90°	2902.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2902.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1114	1114	1114	1114	1114	
5°	1116	1112	1110	1110	1113	106
15°	1077	1074	1073	1072	1075	304
25°	996	993	992	991	993	459
35°	870	866	865	865	866	544
45°	710	707	707	706	706	548
55°	524	519	517	514	514	467
65°	311	303	297	295	297	309
75°	142	142	139	135	136	154
85°	34	35	34	34	32	41
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1114.3	1114.3	1114.3	1114.3	1114.3
2.5°	1118.1	1114.3	1113.1	1112.4	1115.3
5°	1115.6	1111.5	1110.5	1109.9	1112.7
7.5°	1109.9	1106.1	1104.8	1104.5	1107.4
10°	1102.0	1098.2	1096.6	1096.0	1098.8
12.5°	1091.9	1087.8	1086.2	1085.6	1088.1
15°	1077.4	1073.9	1072.6	1072.3	1075.2
17.5°	1061.6	1058.1	1057.5	1056.5	1059.4
20°	1042.6	1039.2	1038.2	1036.9	1039.8
22.5°	1021.8	1017.7	1016.4	1015.5	1017.7
25°	996.5	993.0	992.1	991.1	993.4
27.5°	968.7	966.2	964.9	964.0	965.2
30°	939.7	935.2	933.7	933.0	934.9
32.5°	906.2	903.0	900.8	900.5	902.7
35°	869.9	866.1	865.1	865.1	865.7
37.5°	831.3	829.4	827.8	826.9	828.8
40°	791.8	791.2	787.7	787.4	788.4
42.5°	753.0	750.5	747.9	749.2	749.8
45°	709.7	707.2	707.2	706.2	706.2
47.5°	668.0	665.5	662.0	662.3	663.0
50°	622.9	619.7	615.9	618.1	614.3
52.5°	576.7	571.1	568.2	568.2	567.9
55°	523.7	519.3	516.7	514.5	513.9
57.5°	472.5	465.9	459.6	460.2	462.4
60°	414.4	411.2	402.4	403.0	403.3
62.5°	362.0	356.0	346.8	346.8	350.0
65°	311.4	302.9	296.9	294.7	296.9
67.5°	261.8	257.1	252.0	248.6	251.7
70°	216.0	213.5	208.1	204.7	206.6
72.5°	178.8	175.3	170.9	169.0	167.1
75°	141.8	141.8	138.7	134.9	135.5
77.5°	111.8	110.9	108.7	107.1	107.1
80°	85.6	84.6	82.1	81.5	80.5
82.5°	59.1	59.4	58.1	57.2	55.9
85°	34.1	34.7	34.4	34.4	32.5
87.5°	14.5	13.3	14.2	13.9	15.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)