

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: P737763

Luminaire Tested: **14PT-30-PC3-L930**

Issue Date: 2/8/2024



**Test Information**

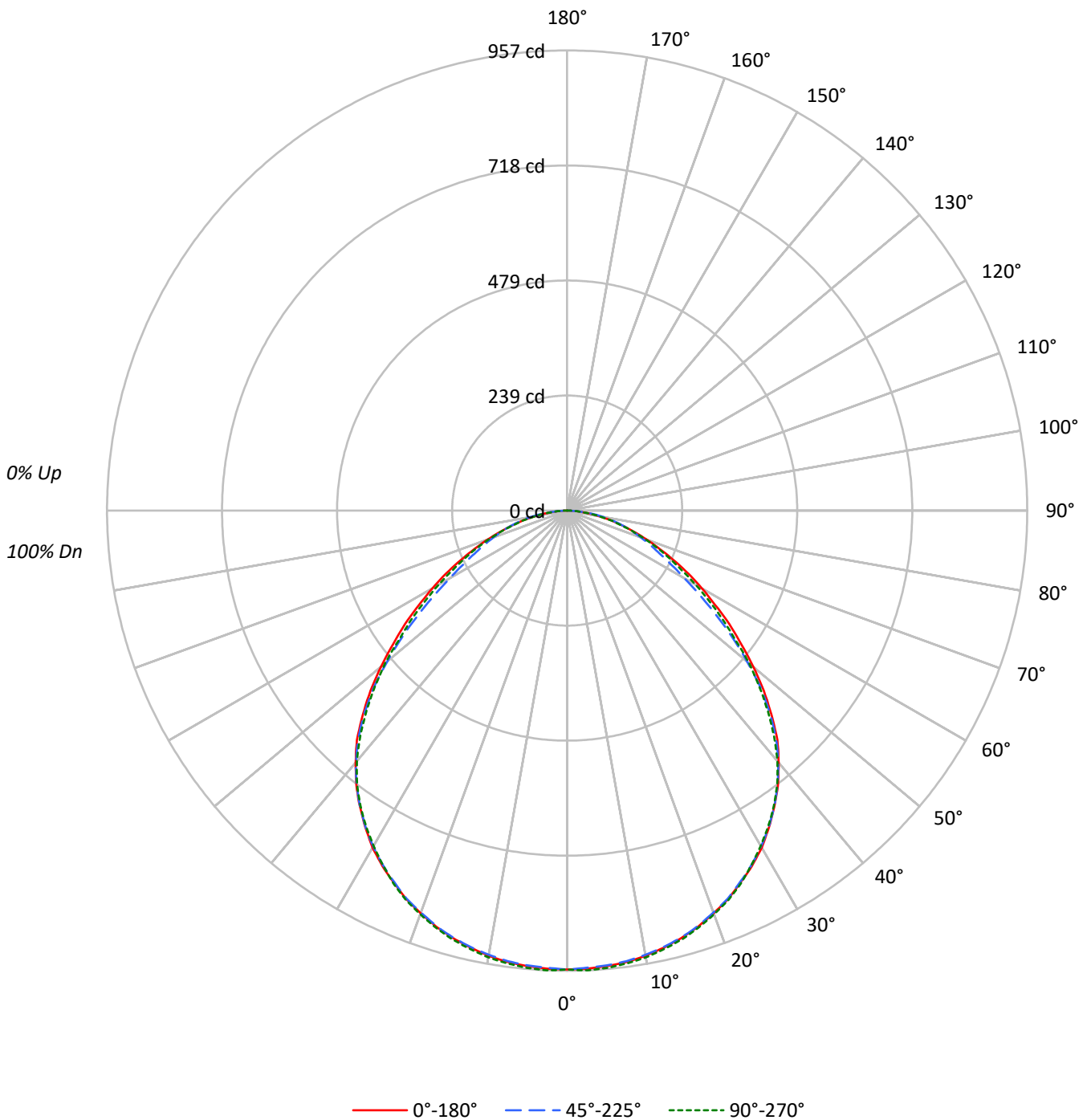
Test Method: LM-79-08  
Report Number: P737763  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 14PT-30-PC3-L930  
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2406.0 lumens  
Efficiency: N/A  
Efficacy: 102.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34  
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 23.4  
Input Voltage (V): NR  
Input Current (Ain): 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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	2861	2861	2861
5°	2862	2857	2873
10°	2862	2856	2872
15°	2855	2852	2865
20°	2842	2838	2850
25°	2823	2818	2830
30°	2802	2792	2788
35°	2751	2749	2744
40°	2679	2675	2662
45°	2547	2528	2502
50°	2358	2278	2304
55°	2152	1977	2066
60°	1940	1687	1850
65°	1734	1509	1664
70°	1538	1427	1496
75°	1360	1384	1332
80°	1172	1321	1167
85°	881	1046	881



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.5	3.8
10°-20°	259.8	10.8
20°-30°	393.4	16.3
30°-40°	469.0	19.5
40°-50°	458.3	19.0
50°-60°	350.4	14.6
60°-70°	225.0	9.3
70°-80°	125.1	5.2
80°-90°	34.6	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°	743.7	30.9
0°-40°	1212.7	50.4
0°-60°	2021.3	84.0
0°-90°	2406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2406.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	954	954	954	954	954	
5°	951	952	949	954	955	90
15°	920	921	919	922	923	260
25°	853	854	852	855	855	394
35°	752	752	751	751	750	470
45°	601	602	596	595	590	462
55°	412	397	378	383	395	368
65°	244	226	213	220	234	244
75°	117	118	120	118	115	125
85°	26	30	30	29	26	31
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	954.4	954.4	954.4	954.4	954.4
2.5°	953.7	954.1	951.7	955.8	957.1
5°	951.0	951.7	949.3	953.7	954.7
7.5°	946.9	947.6	945.2	949.6	950.0
10°	940.1	940.4	938.3	942.8	943.5
12.5°	930.8	931.9	929.5	933.6	933.9
15°	919.9	920.6	918.9	922.0	923.0
17.5°	906.9	907.3	905.6	909.0	909.3
20°	890.9	890.9	889.5	893.3	893.3
22.5°	874.5	873.5	873.2	874.5	876.6
25°	853.4	854.4	852.0	854.7	855.4
27.5°	832.9	832.9	830.8	832.2	830.5
30°	809.3	808.0	806.6	806.9	805.2
32.5°	781.0	781.0	780.3	780.3	778.3
35°	751.6	752.3	751.0	750.6	749.6
37.5°	720.2	721.3	718.9	718.2	717.5
40°	684.4	684.4	683.4	682.0	680.3
42.5°	647.2	647.2	642.7	639.3	636.9
45°	600.8	602.1	596.3	595.0	590.2
47.5°	554.7	553.7	545.8	544.8	542.1
50°	505.5	499.7	488.5	491.5	493.9
52.5°	456.4	449.2	432.8	436.2	440.3
55°	411.7	397.3	378.2	383.0	395.3
57.5°	364.9	345.8	326.7	335.5	350.9
60°	323.6	302.1	281.3	290.8	308.6
62.5°	284.0	261.1	244.4	253.6	268.6
65°	244.4	225.6	212.7	219.8	234.5
67.5°	208.2	195.6	186.7	190.1	202.1
70°	175.4	167.6	162.8	163.8	170.7
72.5°	144.4	142.3	140.6	140.6	141.3
75°	117.4	118.4	119.5	117.8	115.0
77.5°	92.5	95.9	98.3	94.9	91.5
80°	67.9	73.4	76.5	72.7	67.6
82.5°	46.4	52.6	53.6	51.2	45.4
85°	25.6	30.0	30.4	29.4	25.6
87.5°	9.6	11.3	12.3	11.3	9.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)