

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: P737731

Luminaire Tested: **14PT-20-PP3-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737731
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-20-PP3-L930
Description: 2000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

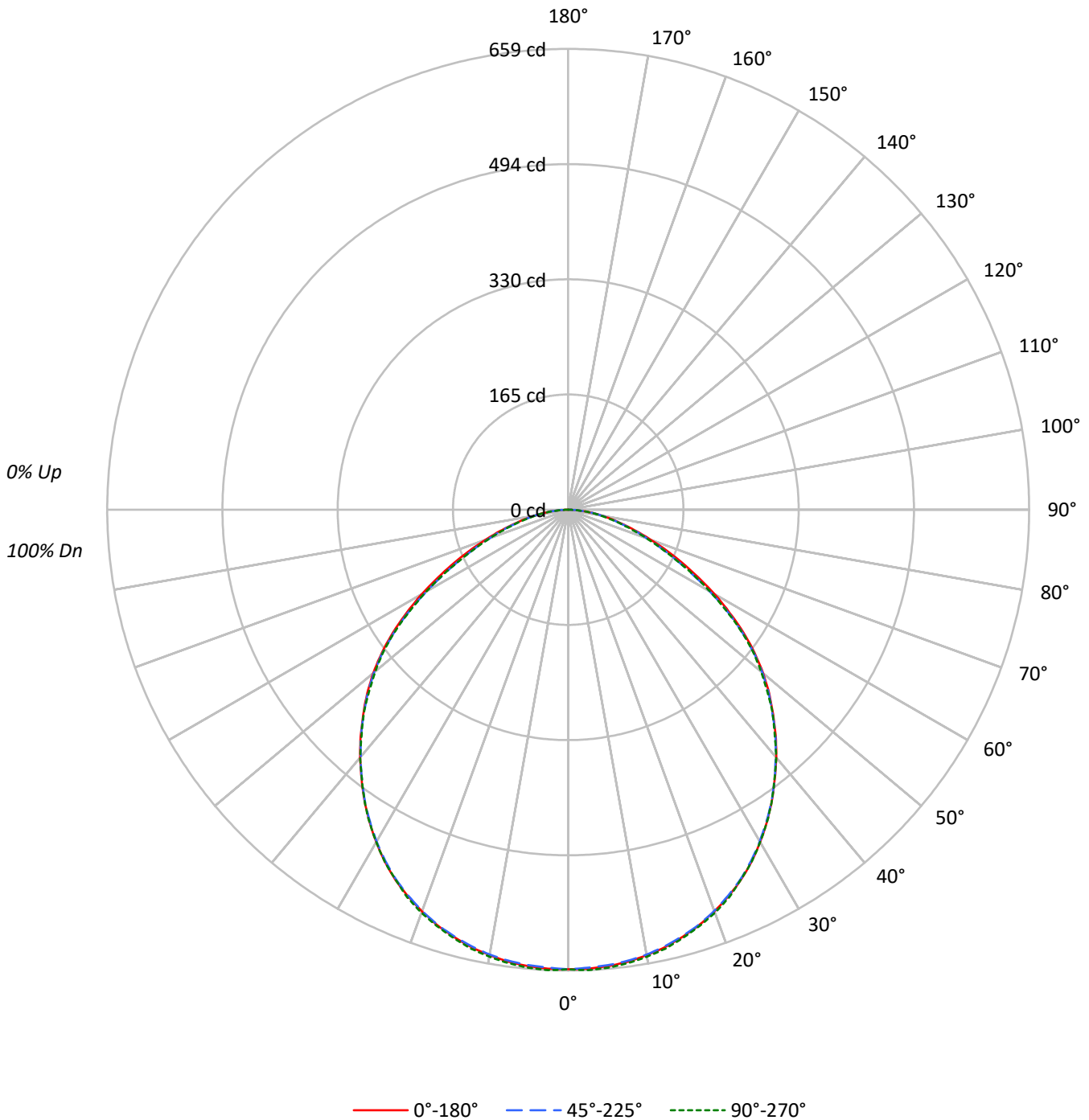
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1698.0 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')
CIE Type: Direct

Input Watts (W): 16.2
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	109	105	101	97	107	103	99	96	99	96	93		95	92	90		91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78		84	79	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	73	64	58	82	71	63	57	69	62	56		66	60	56		64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49		60	54	49		58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43		54	48	43		53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38		50	43	38		48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34		45	39	34		44	38	34	32
9	58	45	37	31	57	44	36	31	43	36	31		42	35	31		41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28		39	33	28		38	32	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1970	1970	1970
5°	1972	1968	1978
10°	1969	1967	1976
15°	1963	1959	1968
20°	1950	1948	1957
25°	1933	1929	1932
30°	1900	1896	1900
35°	1859	1856	1858
40°	1811	1805	1810
45°	1757	1752	1754
50°	1698	1690	1678
55°	1598	1580	1575
60°	1450	1402	1404
65°	1274	1210	1208
70°	1102	1052	1040
75°	953	917	898
80°	844	832	794
85°	698	722	681



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	3.7
10°-20°	178.5	10.5
20°-30°	268.8	15.8
30°-40°	317.3	18.7
40°-50°	319.1	18.8
50°-60°	269.4	15.9
60°-70°	173.0	10.2
70°-80°	86.0	5.1
80°-90°	23.6	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°	509.7	30.0
0°-40°	826.9	48.7
0°-60°	1415.4	83.4
0°-90°	1698.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1698.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	657	657	657	657	657	
5°	655	656	654	657	657	62
15°	632	633	631	634	634	178
25°	584	584	583	584	584	269
35°	508	508	507	508	508	317
45°	414	416	413	414	414	320
55°	306	306	302	301	301	272
65°	180	177	171	169	170	179
75°	82	82	79	78	78	89
85°	20	21	21	20	20	24
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	657.2	657.2	657.2	657.2	657.2
2.5°	656.9	657.2	655.5	658.6	659.1
5°	655.3	655.5	653.8	656.9	657.4
7.5°	651.9	652.2	650.7	653.6	654.1
10°	646.9	647.6	646.0	648.6	649.1
12.5°	640.7	640.9	639.3	642.4	642.8
15°	632.4	632.6	631.2	634.0	634.0
17.5°	622.8	623.1	622.1	624.5	624.2
20°	611.1	611.8	610.6	612.3	613.3
22.5°	598.5	598.7	597.3	599.4	600.4
25°	584.2	584.4	583.2	584.4	583.9
27.5°	567.5	567.9	566.3	567.5	567.7
30°	548.9	550.1	547.7	548.6	548.9
32.5°	528.8	529.5	527.9	528.1	529.3
35°	507.8	508.1	507.1	507.6	507.6
37.5°	485.2	486.1	484.7	485.4	484.5
40°	462.8	461.8	461.3	461.8	462.5
42.5°	439.1	439.4	438.7	438.2	437.0
45°	414.3	415.8	413.1	413.6	413.6
47.5°	390.0	390.2	388.8	387.4	386.4
50°	364.0	364.0	362.3	361.1	359.7
52.5°	335.6	335.1	333.2	332.0	332.8
55°	305.8	305.6	302.2	301.0	301.3
57.5°	273.1	273.6	268.6	267.4	267.4
60°	241.9	239.5	233.8	232.1	234.2
62.5°	209.2	206.3	200.1	200.1	201.8
65°	179.6	177.0	170.6	168.9	170.3
67.5°	151.9	149.6	143.6	142.6	143.1
70°	125.7	123.6	120.0	117.8	118.6
72.5°	103.0	101.1	98.8	97.1	96.1
75°	82.3	81.8	79.2	78.5	77.5
77.5°	65.1	64.9	62.7	61.8	60.8
80°	48.9	48.7	48.2	46.8	46.0
82.5°	34.8	34.8	34.6	33.4	32.7
85°	20.3	21.0	21.0	19.8	19.8
87.5°	8.1	8.6	8.1	8.1	7.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)