

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: P737782

Luminaire Tested: **14PT-30-PP3-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737782
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-30-PP3-L950
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

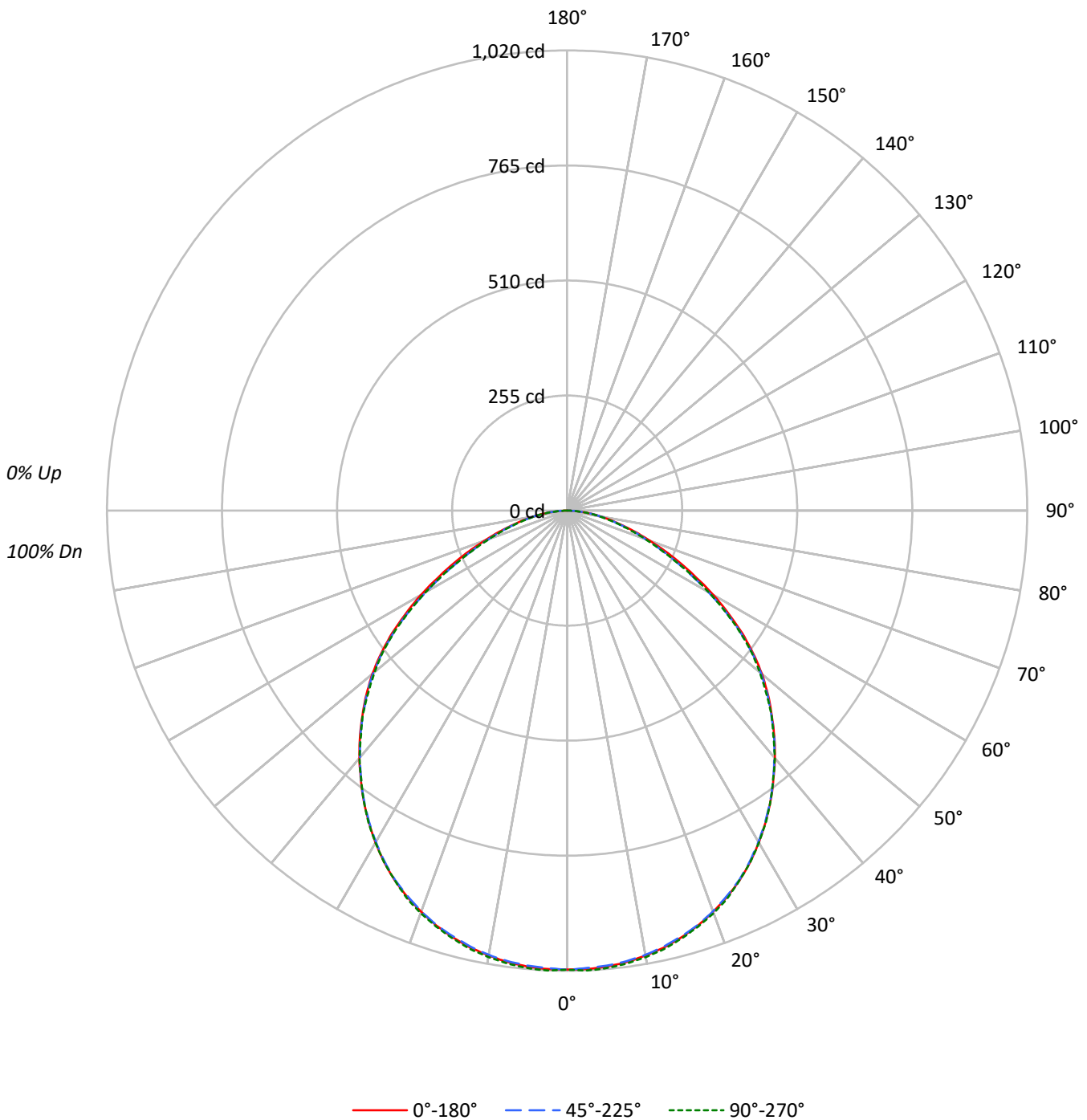
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2629.0 lumens
Efficiency: N/A
Efficacy: 112.4 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): 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

TEST NUMBER: P737782
CATALOG NUMBER: 14PT-30-PP3-L950

Luminous Intensity Polar Plot





TEST NUMBER: P737782

CATALOG NUMBER: 14PT-30-PP3-L950

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°	3051	3051	3051
5°	3053	3047	3063
10°	3049	3045	3059
15°	3039	3033	3047
20°	3019	3017	3029
25°	2992	2987	2991
30°	2942	2936	2942
35°	2878	2874	2876
40°	2804	2796	2803
45°	2720	2712	2715
50°	2629	2617	2597
55°	2475	2446	2438
60°	2246	2170	2175
65°	1973	1874	1871
70°	1706	1629	1609
75°	1476	1420	1390
80°	1307	1288	1231
85°	1080	1118	1056



TEST NUMBER: P737782

CATALOG NUMBER: 14PT-30-PP3-L950

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.5	3.7
10°-20°	276.4	10.5
20°-30°	416.2	15.8
30°-40°	491.2	18.7
40°-50°	494.0	18.8
50°-60°	417.0	15.9
60°-70°	267.9	10.2
70°-80°	133.2	5.1
80°-90°	36.5	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°	789.1	30.0
0°-40°	1280.4	48.7
0°-60°	2191.4	83.4
0°-90°	2629.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2629.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1018	1018	1018	1018	1018	
5°	1014	1015	1012	1017	1018	96
15°	979	979	977	982	982	276
25°	904	905	903	905	904	416
35°	786	787	785	786	786	491
45°	642	644	640	640	640	495
55°	474	473	468	466	466	421
65°	278	274	264	262	264	277
75°	127	127	123	122	120	138
85°	31	32	32	31	31	37
90°	0	0	0	0	0	



TEST NUMBER: P737782

CATALOG NUMBER: 14PT-30-PP3-L950

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1017.5	1017.5	1017.5	1017.5	1017.5
2.5°	1017.1	1017.5	1014.9	1019.7	1020.4
5°	1014.5	1014.9	1012.3	1017.1	1017.8
7.5°	1009.4	1009.7	1007.5	1011.9	1012.7
10°	1001.6	1002.7	1000.1	1004.2	1004.9
12.5°	992.0	992.4	989.8	994.6	995.3
15°	979.1	979.4	977.2	981.7	981.7
17.5°	964.3	964.7	963.2	966.9	966.5
20°	946.2	947.3	945.5	948.0	949.5
22.5°	926.6	927.0	924.8	928.1	929.6
25°	904.5	904.8	903.0	904.8	904.1
27.5°	878.6	879.4	876.8	878.6	879.0
30°	849.8	851.7	848.0	849.4	849.8
32.5°	818.8	819.9	817.3	817.7	819.5
35°	786.3	786.7	785.2	785.9	785.9
37.5°	751.2	752.7	750.5	751.6	750.1
40°	716.5	715.0	714.3	715.0	716.1
42.5°	679.9	680.3	679.2	678.4	676.6
45°	641.5	643.7	639.7	640.4	640.4
47.5°	603.8	604.2	602.0	599.8	598.3
50°	563.6	563.6	561.0	559.2	556.9
52.5°	519.6	518.9	515.9	514.1	515.2
55°	473.5	473.1	467.9	466.1	466.5
57.5°	422.9	423.6	415.9	414.0	414.0
60°	374.5	370.8	361.9	359.3	362.7
62.5°	323.9	319.5	309.9	309.9	312.4
65°	278.1	274.0	264.1	261.5	263.7
67.5°	235.3	231.6	222.3	220.9	221.6
70°	194.6	191.3	185.8	182.4	183.6
72.5°	159.5	156.6	152.9	150.3	148.8
75°	127.4	126.7	122.6	121.5	120.0
77.5°	100.8	100.5	97.1	95.7	94.2
80°	75.7	75.3	74.6	72.4	71.3
82.5°	53.9	53.9	53.6	51.7	50.6
85°	31.4	32.5	32.5	30.7	30.7
87.5°	12.6	13.3	12.6	12.6	12.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)