

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: P737788

Luminaire Tested: **14PT-30-PR1-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737788
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-30-PR1-L935
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND RIPLE LENS

Light Source: -
Ballast/Driver: -

Summary

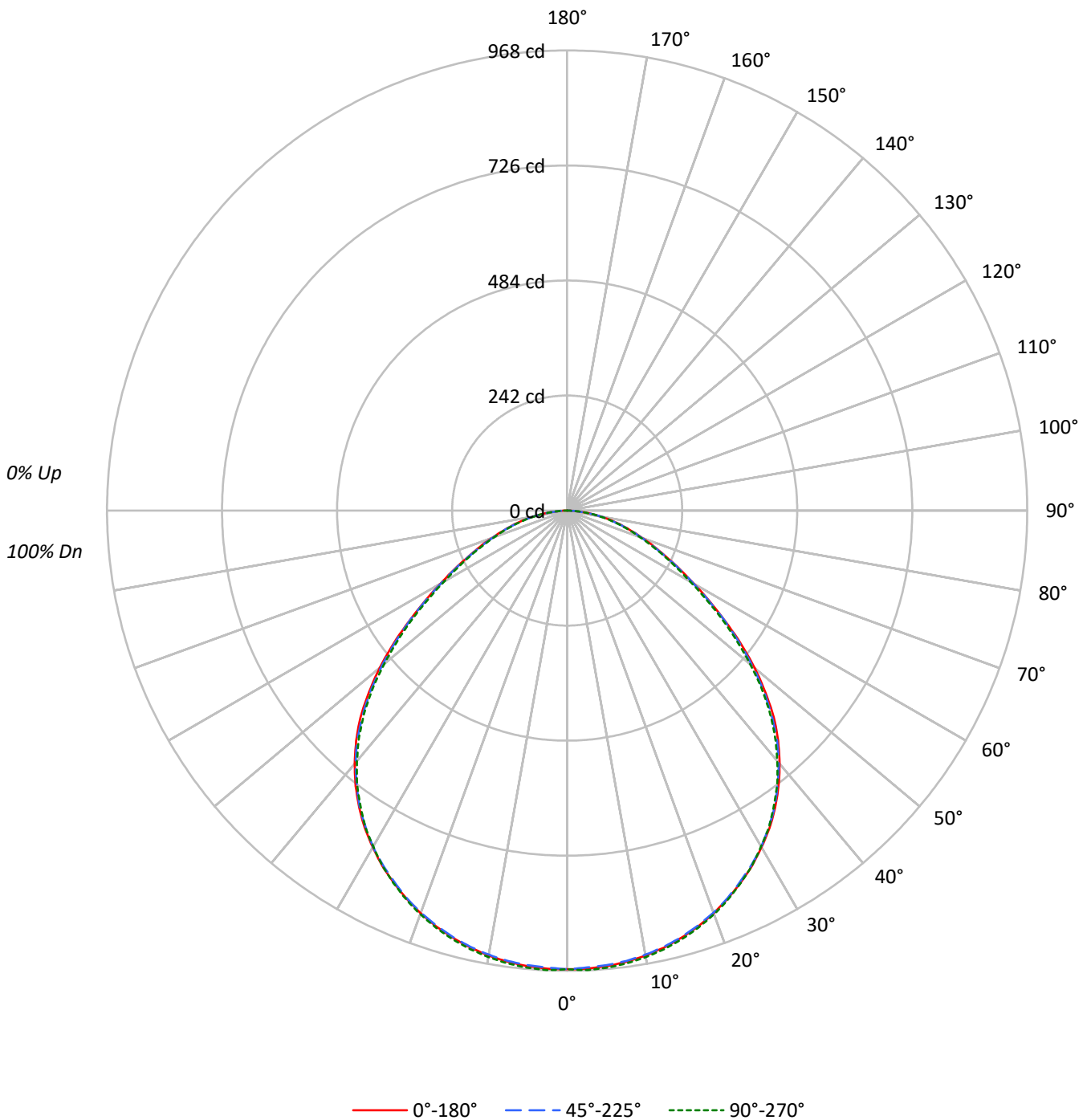
Lumens per Lamp: N/A
Luminaire Lumens: 2440.0 lumens
Efficiency: N/A
Efficacy: 104.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')
CIE Type: Direct

Input Watts (W): 23.4
Input Voltage (V): NR
Input Current (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

TEST NUMBER: P737788

CATALOG NUMBER: 14PT-30-PR1-L935

Luminous Intensity Polar Plot





TEST NUMBER: P737788

CATALOG NUMBER: 14PT-30-PR1-L935

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	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	80	73	68	78	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	45	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	39	33	29	39	33	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2893	2893	2893
5°	2895	2889	2905
10°	2893	2888	2903
15°	2887	2883	2897
20°	2875	2872	2883
25°	2856	2850	2860
30°	2831	2828	2824
35°	2792	2786	2774
40°	2722	2711	2692
45°	2608	2579	2560
50°	2400	2373	2344
55°	2124	2115	2073
60°	1846	1839	1789
65°	1627	1617	1585
70°	1476	1455	1424
75°	1366	1334	1310
80°	1248	1229	1188
85°	987	977	939



TEST NUMBER: P737788

CATALOG NUMBER: 14PT-30-PR1-L935

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	3.8
10°-20°	262.7	10.8
20°-30°	398.0	16.3
30°-40°	475.1	19.5
40°-50°	467.2	19.1
50°-60°	361.1	14.8
60°-70°	227.7	9.3
70°-80°	123.1	5.0
80°-90°	33.6	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°	752.1	30.8
0°-40°	1227.2	50.3
0°-60°	2055.5	84.2
0°-90°	2440.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2440.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	965	965	965	965	965	
5°	962	962	960	964	965	91
15°	930	931	929	932	933	263
25°	864	864	861	864	864	398
35°	763	763	761	760	758	476
45°	615	613	608	603	604	471
55°	406	410	405	398	397	365
65°	229	230	228	224	223	231
75°	118	116	115	116	113	125
85°	29	29	28	29	27	34
90°	0	0	0	0	0	



TEST NUMBER: P737788

CATALOG NUMBER: 14PT-30-PR1-L935

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	964.8	964.8	964.8	964.8	964.8
2.5°	964.5	964.8	962.0	966.5	967.6
5°	962.0	962.4	960.0	964.1	965.2
7.5°	957.2	957.9	955.5	959.6	960.7
10°	950.3	951.0	948.6	952.7	953.7
12.5°	941.6	942.0	939.9	943.7	944.8
15°	930.2	930.6	928.8	932.0	933.3
17.5°	917.1	917.4	915.0	918.8	919.5
20°	901.2	901.5	900.1	903.3	903.6
22.5°	883.5	884.2	882.2	884.9	885.3
25°	863.5	864.2	861.4	864.2	864.5
27.5°	842.4	842.7	840.3	842.4	842.0
30°	817.8	819.9	816.8	816.1	815.8
32.5°	792.3	792.6	789.5	788.8	790.2
35°	762.9	763.2	761.1	760.1	758.0
37.5°	730.7	730.7	726.9	726.2	725.9
40°	695.4	695.1	692.7	690.2	687.8
42.5°	657.0	657.7	652.9	648.7	648.0
45°	615.2	612.8	608.3	603.4	603.8
47.5°	565.7	566.4	560.2	556.4	555.4
50°	514.6	514.6	508.7	504.5	502.5
52.5°	461.0	461.3	455.8	450.2	449.2
55°	406.3	409.8	404.6	398.0	396.6
57.5°	355.1	357.9	353.1	346.2	345.8
60°	307.8	308.1	306.7	300.2	298.4
62.5°	267.3	265.6	264.9	261.4	259.4
65°	229.3	229.6	227.9	224.1	223.4
67.5°	198.5	198.1	195.0	192.6	191.2
70°	168.4	167.4	166.0	163.9	162.5
72.5°	141.4	141.4	140.4	139.7	137.3
75°	117.9	116.5	115.2	115.8	113.1
77.5°	95.4	94.1	93.0	91.6	90.9
80°	72.3	70.9	71.2	69.2	68.8
82.5°	50.1	50.1	49.5	47.7	48.1
85°	28.7	29.0	28.4	28.7	27.3
87.5°	10.4	10.7	11.4	10.7	10.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)