

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1050315

Luminaire Tested: PTR-14-60-PLG-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050315
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-60-PLG-L930-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

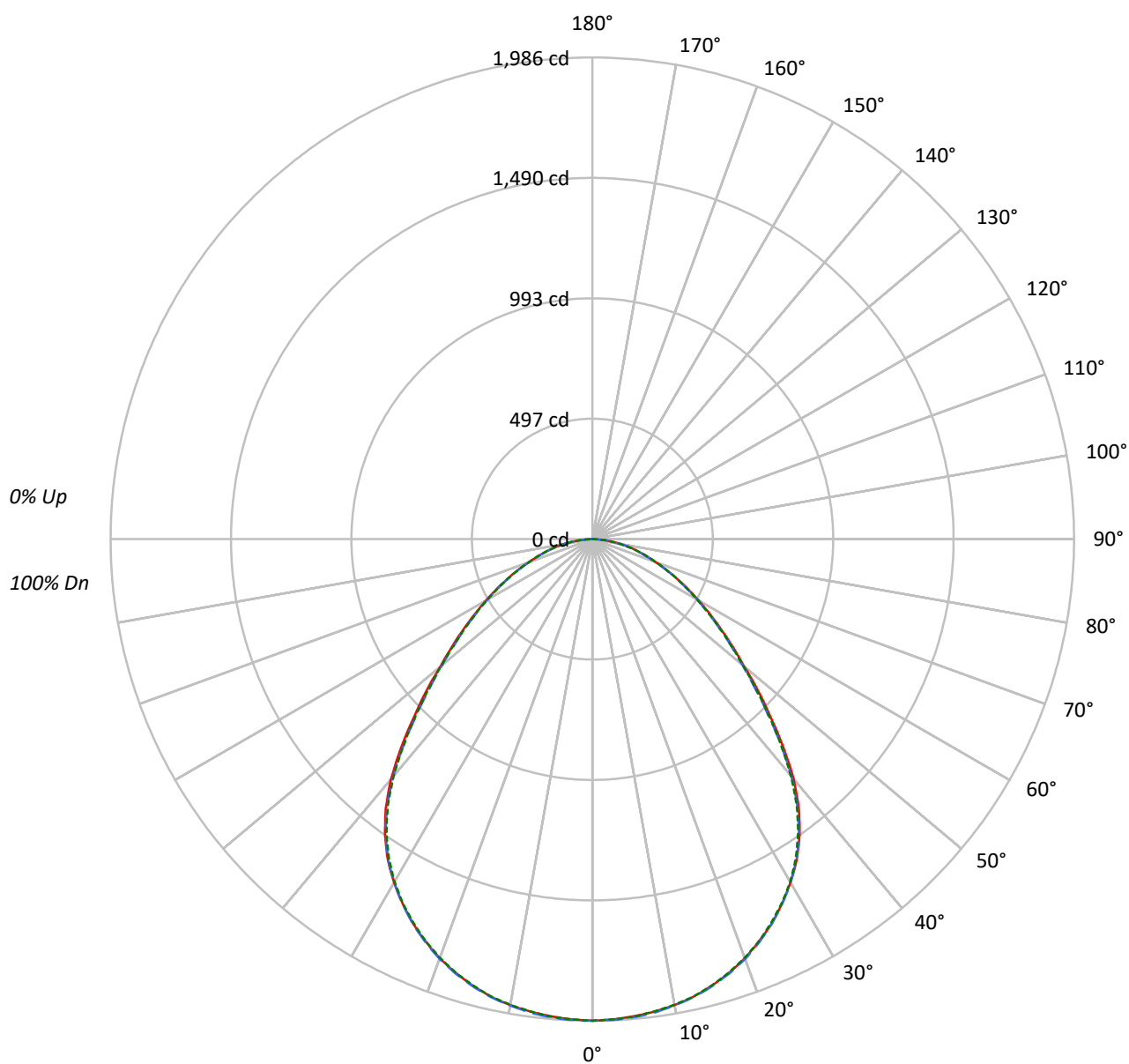
Lumens per Lamp: N/A
Luminaire Lumens: 4475.1 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64		
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56		
5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	61	55	51	49		
6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43		
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41	39		
8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35		
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32		
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5344	5344	5344
5°	5334	5346	5338
10°	5331	5334	5327
15°	5309	5317	5305
20°	5267	5275	5259
25°	5194	5198	5181
30°	5080	5080	5067
35°	4894	4880	4857
40°	4535	4486	4471
45°	3964	3900	3916
50°	3422	3381	3399
55°	3042	2996	3002
60°	2723	2686	2686
65°	2441	2423	2432
70°	2196	2174	2196
75°	2037	2008	2037
80°	1900	1878	1813
85°	1612	1612	1436

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3964 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.0	4.2
10°-20°	538.0	12.0
20°-30°	805.0	18.0
30°-40°	922.3	20.6
40°-50°	797.7	17.8
50°-60°	577.3	12.9
60°-70°	380.3	8.5
70°-80°	207.0	4.6
80°-90°	59.3	1.3
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°	1531.1	34.2
0°-40°	2453.4	54.8
0°-60°	3828.5	85.6
0°-90°	4475.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4475.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1986	1986	1986	1986	1986	
5°	1975	1979	1979	1979	1976	188
15°	1906	1907	1908	1911	1904	538
25°	1749	1749	1751	1752	1745	805
35°	1490	1488	1486	1484	1479	926
45°	1042	1039	1025	1023	1029	807
55°	648	646	638	634	640	584
65°	383	386	381	378	382	383
75°	196	196	193	193	196	209
85°	52	52	52	54	46	60
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1986.0	1986.0	1986.0	1986.0	1986.0
2.5°	1981.8	1986.0	1984.6	1986.0	1981.8
5°	1974.7	1979.0	1979.0	1979.0	1976.2
7.5°	1964.9	1967.7	1969.1	1970.5	1963.5
10°	1950.8	1953.6	1952.2	1955.0	1949.4
12.5°	1932.5	1932.5	1933.9	1936.7	1931.0
15°	1905.7	1907.1	1908.5	1911.3	1904.3
17.5°	1874.7	1876.1	1877.5	1878.9	1873.3
20°	1839.4	1839.4	1842.2	1843.7	1836.6
22.5°	1795.7	1795.7	1798.6	1802.8	1794.3
25°	1749.2	1749.2	1750.6	1752.0	1745.0
27.5°	1694.2	1694.2	1695.7	1699.9	1691.4
30°	1635.0	1633.6	1635.0	1636.5	1630.8
32.5°	1568.8	1567.4	1566.0	1567.4	1560.3
35°	1489.9	1488.5	1485.6	1484.2	1478.6
37.5°	1398.2	1395.4	1389.8	1389.8	1384.2
40°	1291.1	1284.1	1277.0	1274.2	1272.8
42.5°	1167.1	1161.4	1151.6	1150.2	1150.2
45°	1041.6	1038.8	1024.7	1023.3	1029.0
47.5°	928.9	921.8	909.1	906.3	914.8
50°	817.5	818.9	807.7	803.4	811.9
52.5°	730.1	727.3	717.4	714.6	721.7
55°	648.4	645.6	638.5	634.3	639.9
57.5°	573.7	572.3	565.2	563.8	566.6
60°	506.0	504.6	499.0	497.6	499.0
62.5°	442.6	442.6	437.0	434.1	438.4
65°	383.4	386.2	380.6	377.8	382.0
67.5°	329.8	332.6	327.0	324.2	329.8
70°	279.1	281.9	276.3	273.4	279.1
72.5°	235.4	236.8	232.6	231.2	238.2
75°	195.9	195.9	193.1	193.1	195.9
77.5°	159.3	157.9	156.5	156.5	153.6
80°	122.6	121.2	121.2	121.2	117.0
82.5°	87.4	84.6	86.0	87.4	80.3
85°	52.2	52.2	52.2	53.6	46.5
87.5°	21.1	21.1	19.7	21.1	18.3
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)