

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: P1046790

Luminaire Tested: 22PTR-60-PC3-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046790
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PC3-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

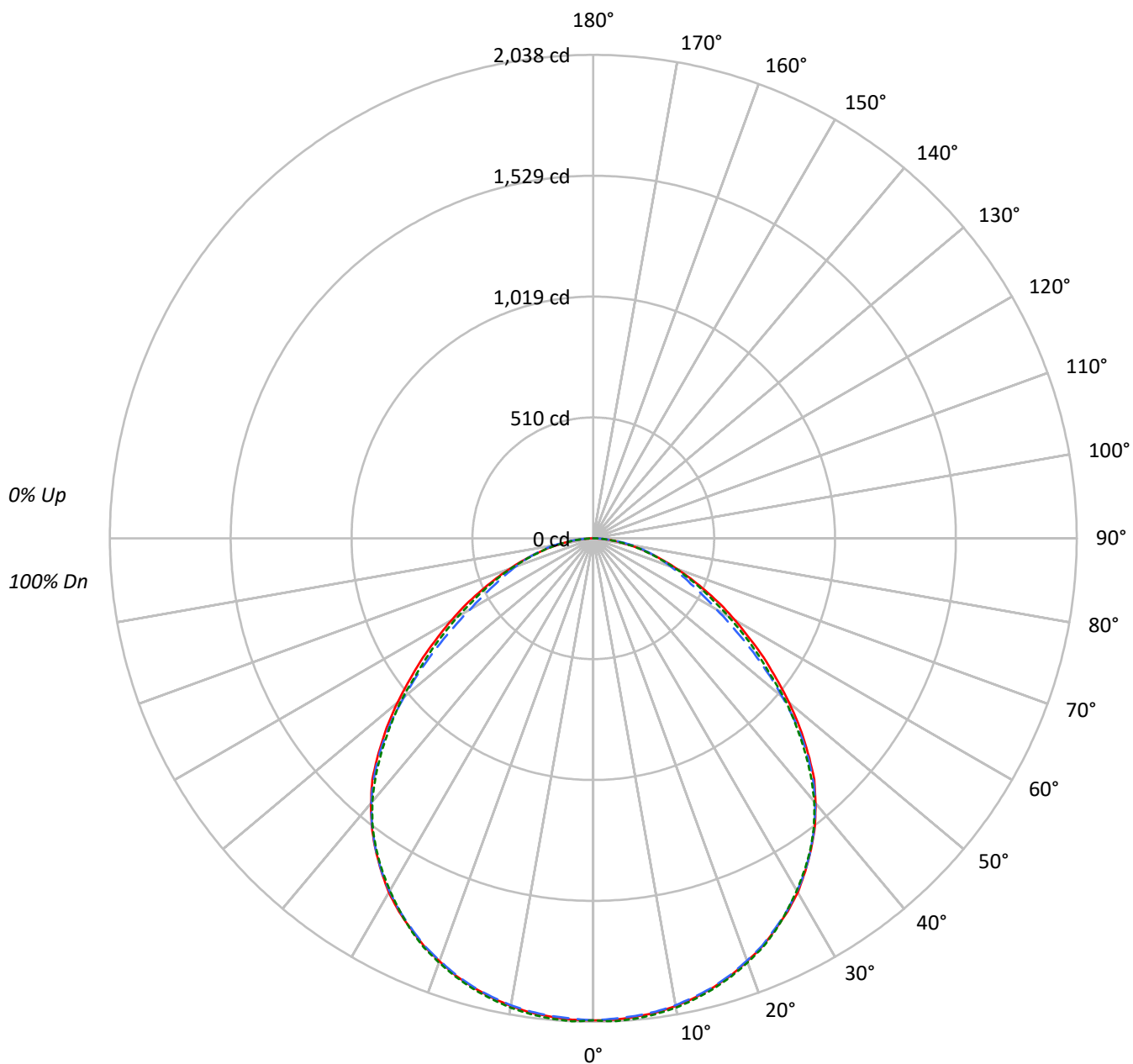
Lumens per Lamp: N/A
Luminaire Lumens: 5124.5 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (A_{in}): 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	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°	Luminous shape not found, reference photometric report, or contact the photometric lab for calculations.		
5°			
10°			
15°			
20°			
25°			
30°			
35°			
40°			
45°			
50°			
55°			
60°			
65°			
70°			
75°			
80°			
85°			

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: -
Vertical Angle: -
Luminance: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.8	3.8
10°-20°	553.4	10.8
20°-30°	837.8	16.3
30°-40°	998.9	19.5
40°-50°	976.0	19.0
50°-60°	746.3	14.6
60°-70°	479.1	9.4
70°-80°	266.6	5.2
80°-90°	73.6	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°	1584.0	30.9
0°-40°	2582.8	50.4
0°-60°	4305.1	84.0
0°-90°	5124.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5124.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2033	2033	2033	2033	2033	
5°	2026	2027	2022	2031	2033	193
15°	1959	1961	1957	1964	1966	553
25°	1818	1820	1815	1820	1822	838
35°	1601	1602	1599	1599	1596	1000
45°	1280	1282	1270	1267	1257	985
55°	877	846	806	816	842	784
65°	521	480	453	468	500	519
75°	250	252	254	251	245	267
85°	54	64	65	63	54	67
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2032.6	2032.6	2032.6	2032.6	2032.6
2.5°	2031.3	2032.1	2026.8	2035.5	2038.4
5°	2025.5	2026.8	2021.8	2031.3	2033.4
7.5°	2016.8	2018.1	2013.1	2022.6	2023.4
10°	2002.2	2003.0	1998.6	2008.1	2009.4
12.5°	1982.7	1984.8	1979.8	1988.5	1989.0
15°	1959.2	1960.8	1957.1	1963.7	1965.8
17.5°	1931.7	1932.5	1928.8	1935.9	1936.7
20°	1897.4	1897.4	1894.5	1902.7	1902.7
22.5°	1862.5	1860.4	1859.6	1862.5	1867.0
25°	1817.6	1819.7	1814.7	1820.5	1821.8
27.5°	1774.0	1774.0	1769.5	1772.4	1768.7
30°	1723.8	1720.9	1718.0	1718.6	1715.1
32.5°	1663.3	1663.3	1662.0	1662.0	1657.5
35°	1601.0	1602.3	1599.4	1598.6	1596.5
37.5°	1533.9	1536.3	1531.0	1529.7	1528.1
40°	1457.6	1457.6	1455.5	1452.6	1448.9
42.5°	1378.3	1378.3	1369.1	1361.7	1356.7
45°	1279.5	1282.4	1270.0	1267.1	1257.1
47.5°	1181.3	1179.2	1162.5	1160.4	1154.6
50°	1076.7	1064.3	1040.5	1046.8	1052.1
52.5°	972.1	956.7	921.9	929.0	937.7
55°	876.7	846.3	805.7	815.7	841.8
57.5°	777.1	736.4	695.8	714.8	747.3
60°	689.2	643.5	599.1	619.4	657.2
62.5°	604.9	556.3	520.6	540.2	572.1
65°	520.6	480.5	453.0	468.1	499.5
67.5°	443.5	416.6	397.8	404.9	430.3
70°	373.8	356.9	346.8	348.9	363.5
72.5°	307.5	303.2	299.5	299.5	300.9
75°	250.1	252.3	254.4	250.9	245.1
77.5°	197.1	204.2	209.5	202.1	194.9
80°	144.8	156.4	163.0	154.8	144.0
82.5°	98.8	112.0	114.1	109.1	96.7
85°	54.4	63.9	64.7	62.6	54.4
87.5°	20.3	24.0	26.2	24.0	21.1
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°



(END OF REPORT)