

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: P1046869

Luminaire Tested: 22PTR-60-PLG-L930-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046869
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-224-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PLG-L930-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LOW GLARE LENS

Light Source:
Ballast/Driver: -

Summary

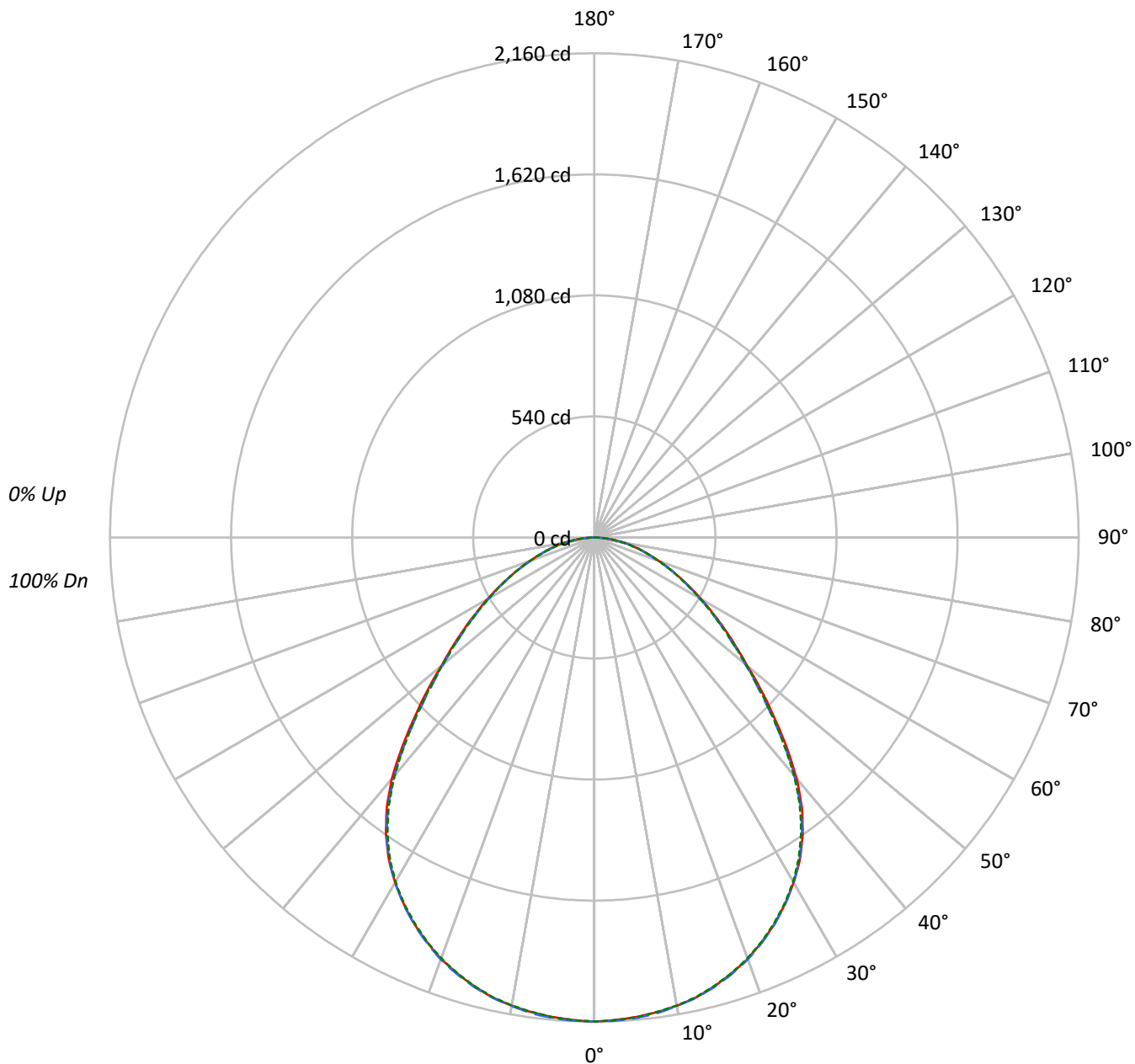
Lumens per Lamp: N/A
Luminaire Lumens: 4866.0 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.26
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
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°	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°	204.5	4.2
10°-20°	585.0	12.0
20°-30°	875.4	18.0
30°-40°	1002.9	20.6
40°-50°	867.4	17.8
50°-60°	627.8	12.9
60°-70°	413.5	8.5
70°-80°	225.1	4.6
80°-90°	64.5	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°	1664.9	34.2
0°-40°	2667.8	54.8
0°-60°	4163.0	85.6
0°-90°	4866.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4866.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2160	2160	2160	2160	2160	
5°	2147	2152	2152	2152	2149	204
15°	2072	2074	2075	2078	2071	584
25°	1902	1902	1904	1905	1897	875
35°	1620	1618	1615	1614	1608	1006
45°	1133	1130	1114	1113	1119	877
55°	705	702	694	690	696	635
65°	417	420	414	411	415	416
75°	213	213	210	210	213	227
85°	57	57	57	58	51	66
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2159.5	2159.5	2159.5	2159.5	2159.5
2.5°	2154.9	2159.5	2158.0	2159.5	2154.9
5°	2147.3	2151.9	2151.9	2151.9	2148.8
7.5°	2136.5	2139.6	2141.1	2142.7	2135.0
10°	2121.2	2124.3	2122.7	2125.8	2119.7
12.5°	2101.3	2101.3	2102.8	2105.9	2099.7
15°	2072.2	2073.7	2075.2	2078.3	2070.6
17.5°	2038.4	2040.0	2041.5	2043.0	2036.9
20°	2000.1	2000.1	2003.2	2004.7	1997.1
22.5°	1952.6	1952.6	1955.7	1960.3	1951.1
25°	1902.0	1902.0	1903.6	1905.1	1897.4
27.5°	1842.3	1842.3	1843.8	1848.4	1839.2
30°	1777.9	1776.3	1777.9	1779.4	1773.3
32.5°	1705.8	1704.3	1702.8	1704.3	1696.7
35°	1620.0	1618.5	1615.4	1613.9	1607.8
37.5°	1520.4	1517.3	1511.2	1511.2	1505.1
40°	1403.9	1396.3	1388.6	1385.5	1384.0
42.5°	1269.0	1262.9	1252.2	1250.6	1250.6
45°	1132.6	1129.6	1114.2	1112.7	1118.8
47.5°	1010.0	1002.4	988.6	985.5	994.7
50°	888.9	890.5	878.2	873.6	882.8
52.5°	793.9	790.9	780.1	777.1	784.7
55°	705.0	702.0	694.3	689.7	695.8
57.5°	623.8	622.3	614.6	613.1	616.1
60°	550.2	548.7	542.6	541.0	542.6
62.5°	481.3	481.3	475.1	472.1	476.7
65°	416.9	419.9	413.8	410.8	415.4
67.5°	358.6	361.7	355.6	352.5	358.6
70°	303.5	306.5	300.4	297.3	303.5
72.5°	256.0	257.5	252.9	251.4	259.0
75°	213.0	213.0	210.0	210.0	213.0
77.5°	173.2	171.7	170.1	170.1	167.1
80°	133.3	131.8	131.8	131.8	127.2
82.5°	95.0	92.0	93.5	95.0	87.4
85°	56.7	56.7	56.7	58.2	50.6
87.5°	23.0	23.0	21.5	23.0	19.9
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)