

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: P1046832

Luminaire Tested: 22PTR-60-PL1-L935-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046832
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PL1-L935-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

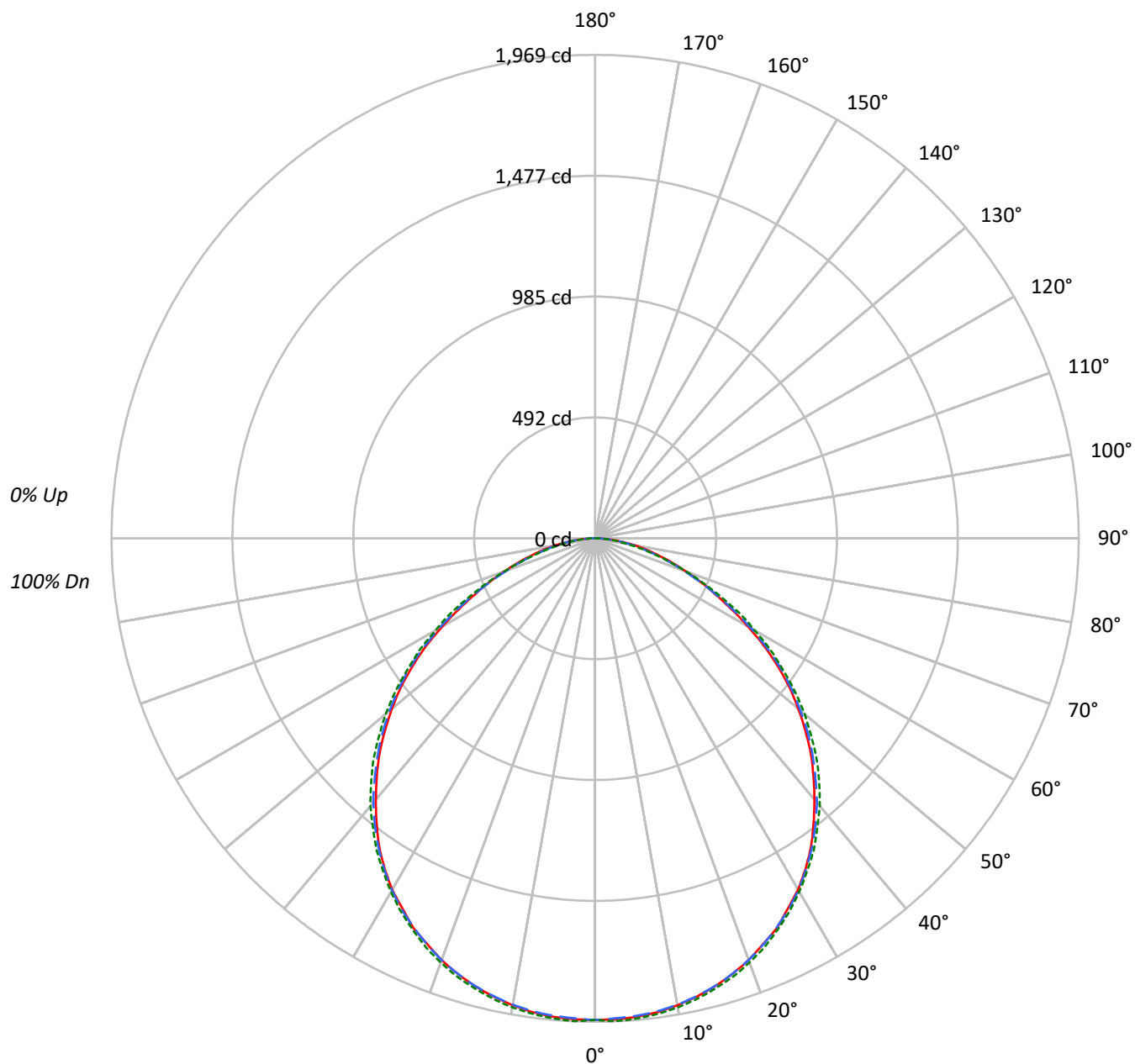
Lumens per Lamp: N/A
Luminaire Lumens: 5172.1 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	109	105	101	97	107	103	99	96		98	95	93			94	92	90			91
2	100	92	86	80	97	90	84	79		87	82	77			83	79	75			80
3	91	81	73	67	89	80	72	66		77	70	65			74	69	64			71
4	84	72	64	57	82	71	63	57		68	61	56			66	60	55			64
5	77	65	56	49	75	64	55	49		61	54	49			60	53	48			58
6	71	58	50	43	69	57	49	43		56	48	43			54	47	42			52
7	66	53	44	38	65	52	44	38		51	43	38			49	43	38			48
8	62	48	40	34	60	48	40	34		46	39	34			45	39	34			44
9	58	44	36	31	56	44	36	31		43	36	31			42	35	30			41
10	54	41	33	28	53	41	33	28		40	33	28			39	32	28			38

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°	186.1	3.6
10°-20°	533.8	10.3
20°-30°	807.4	15.6
30°-40°	962.5	18.6
40°-50°	967.8	18.7
50°-60°	821.4	15.9
60°-70°	546.9	10.6
70°-80°	273.1	5.3
80°-90°	73.1	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°	1527.4	29.5
0°-40°	2489.8	48.1
0°-60°	4279.0	82.7
0°-90°	5172.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5172.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1962	1962	1962	1962	1962	
5°	1956	1957	1953	1961	1963	186
15°	1889	1891	1888	1896	1897	533
25°	1751	1751	1749	1757	1758	805
35°	1533	1535	1539	1550	1551	956
45°	1242	1244	1253	1269	1277	956
55°	907	914	922	931	933	809
65°	539	543	544	553	566	540
75°	266	262	251	245	246	286
85°	69	68	63	59	54	80
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1962.1	1962.1	1962.1	1962.1	1962.1
2.5°	1960.5	1962.1	1956.8	1966.3	1968.7
5°	1956.3	1956.8	1952.6	1961.3	1963.4
7.5°	1946.8	1947.6	1943.1	1952.6	1953.9
10°	1931.5	1933.1	1929.4	1938.1	1940.2
12.5°	1911.9	1914.0	1910.3	1919.8	1921.4
15°	1888.7	1890.8	1887.9	1895.8	1897.4
17.5°	1860.2	1861.7	1860.2	1867.5	1871.8
20°	1828.2	1828.2	1828.2	1834.8	1838.5
22.5°	1788.3	1792.0	1790.4	1799.1	1802.8
25°	1751.3	1751.3	1748.9	1757.1	1758.5
27.5°	1699.5	1705.4	1704.8	1712.0	1713.5
30°	1652.3	1653.8	1654.6	1659.7	1662.6
32.5°	1594.9	1596.3	1598.6	1605.8	1606.6
35°	1533.1	1534.7	1538.9	1549.8	1551.4
37.5°	1461.3	1469.2	1472.9	1484.5	1485.8
40°	1389.2	1394.2	1405.3	1417.4	1423.2
42.5°	1315.7	1321.5	1328.2	1344.8	1350.1
45°	1242.3	1244.4	1252.6	1269.2	1276.6
47.5°	1160.9	1167.5	1174.7	1189.2	1193.7
50°	1079.6	1086.7	1091.2	1104.2	1112.9
52.5°	997.4	1004.0	1009.1	1017.0	1025.7
55°	907.4	913.7	921.9	930.6	932.7
57.5°	815.7	822.8	828.1	837.4	846.9
60°	717.4	725.6	732.8	741.5	751.0
62.5°	626.0	629.5	636.9	651.4	665.1
65°	538.6	543.1	544.4	552.6	566.3
67.5°	466.0	466.0	459.4	462.3	477.6
70°	389.6	386.7	381.7	378.8	391.2
72.5°	327.8	324.1	313.3	308.3	314.9
75°	266.0	262.3	250.7	244.9	245.7
77.5°	213.7	207.9	198.4	188.3	186.2
80°	162.2	159.8	150.6	141.1	133.7
82.5°	114.9	109.9	104.6	98.8	93.0
85°	68.9	67.6	62.6	58.9	53.9
87.5°	28.3	28.3	26.9	25.4	24.0
90°	0.0	0.0	0.0	0.0	0.0





— 0°-180° - - 45°-225° - - - 90°-270°





(END OF REPORT)