

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: P1050217

Luminaire Tested: PTR-14-60-PC3-L930-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050217
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: PTR-14-60-PC3-L930-UNV-STD-W
Description: 8000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

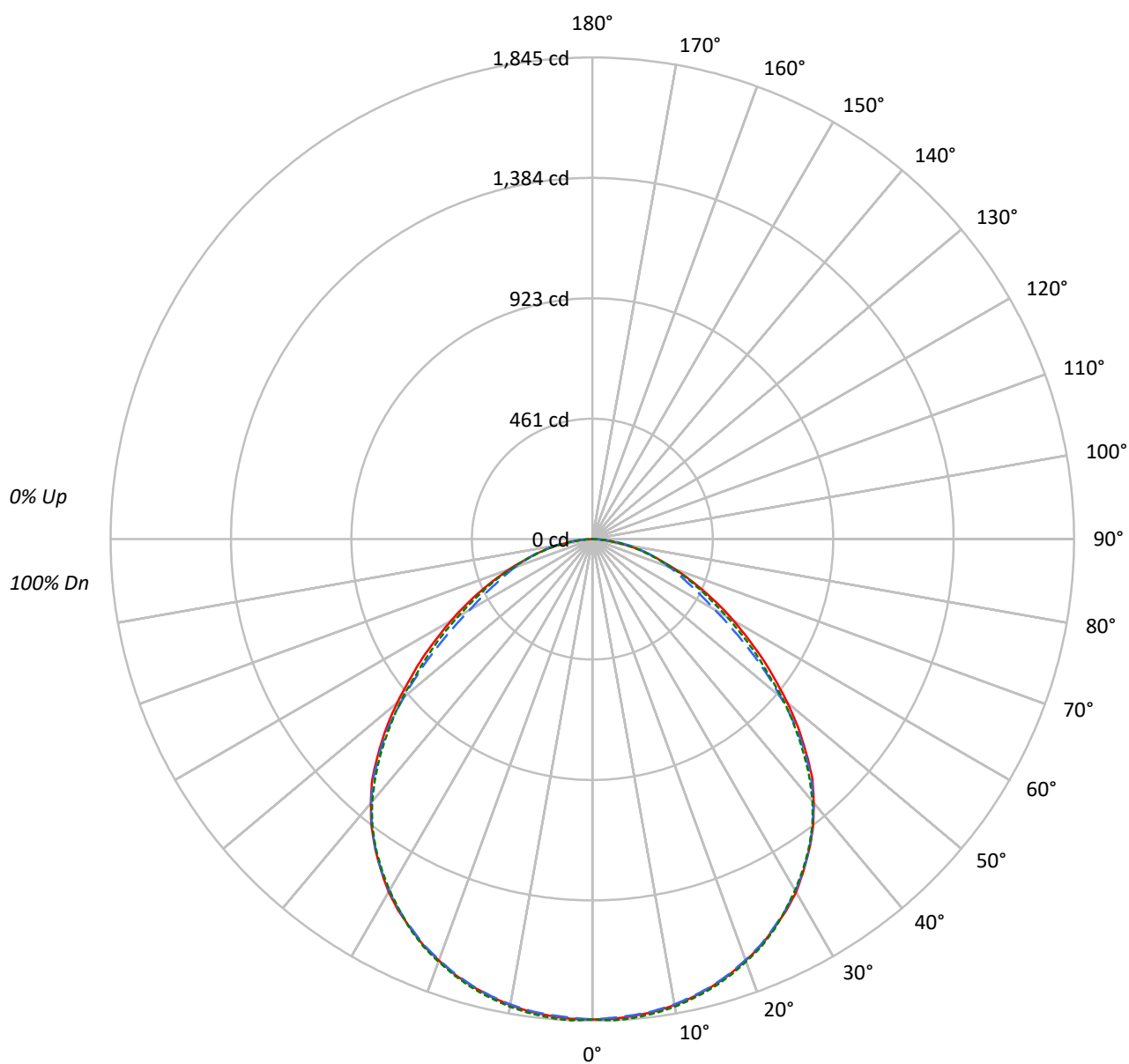
Lumens per Lamp: N/A
Luminaire Lumens: 4639.0 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	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°	4951	4951	4951
5°	4953	4944	4972
10°	4953	4944	4970
15°	4941	4936	4958
20°	4919	4911	4932
25°	4885	4878	4897
30°	4849	4832	4824
35°	4761	4756	4748
40°	4635	4628	4607
45°	4408	4375	4331
50°	4081	3943	3987
55°	3723	3422	3575
60°	3358	2919	3202
65°	3001	2611	2879
70°	2662	2471	2589
75°	2354	2394	2307
80°	2030	2286	2019
85°	1522	1809	1522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 4418 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.5	3.8
10°-20°	500.9	10.8
20°-30°	758.4	16.3
30°-40°	904.2	19.5
40°-50°	883.5	19.0
50°-60°	675.6	14.6
60°-70°	433.8	9.4
70°-80°	241.3	5.2
80°-90°	66.7	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°	1433.9	30.9
0°-40°	2338.1	50.4
0°-60°	3897.2	84.0
0°-90°	4639.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4639.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1840	1840	1840	1840	1840	
5°	1834	1835	1830	1839	1841	174
15°	1774	1775	1772	1778	1780	501
25°	1645	1647	1643	1648	1649	759
35°	1449	1450	1448	1447	1445	905
45°	1158	1161	1150	1147	1138	891
55°	794	766	729	738	762	709
65°	471	435	410	424	452	470
75°	226	228	230	227	222	242
85°	49	58	59	57	49	61
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1840.0	1840.0	1840.0	1840.0	1840.0
2.5°	1838.8	1839.6	1834.8	1842.7	1845.3
5°	1833.6	1834.8	1830.2	1838.8	1840.8
7.5°	1825.7	1826.9	1822.3	1831.0	1831.7
10°	1812.5	1813.3	1809.2	1817.8	1819.0
12.5°	1794.8	1796.8	1792.2	1800.1	1800.6
15°	1773.6	1775.0	1771.6	1777.6	1779.5
17.5°	1748.7	1749.4	1746.1	1752.5	1753.2
20°	1717.6	1717.6	1715.0	1722.4	1722.4
22.5°	1686.0	1684.1	1683.4	1686.0	1690.1
25°	1645.4	1647.3	1642.8	1648.0	1649.2
27.5°	1605.9	1605.9	1601.9	1604.5	1601.2
30°	1560.5	1557.9	1555.2	1555.7	1552.6
32.5°	1505.7	1505.7	1504.6	1504.6	1500.5
35°	1449.3	1450.5	1447.9	1447.2	1445.2
37.5°	1388.6	1390.7	1385.9	1384.8	1383.3
40°	1319.5	1319.5	1317.6	1314.9	1311.6
42.5°	1247.7	1247.7	1239.4	1232.7	1228.1
45°	1158.3	1160.9	1149.7	1147.1	1138.0
47.5°	1069.3	1067.4	1052.4	1050.5	1045.2
50°	974.7	963.4	941.9	947.6	952.4
52.5°	880.0	866.1	834.5	841.0	848.9
55°	793.6	766.1	729.3	738.4	762.1
57.5°	703.5	666.7	629.8	647.1	676.5
60°	623.9	582.5	542.3	560.7	594.9
62.5°	547.6	503.6	471.3	489.0	517.9
65°	471.3	435.0	410.1	423.7	452.2
67.5°	401.5	377.1	360.1	366.6	389.5
70°	338.4	323.1	314.0	315.9	329.0
72.5°	278.3	274.5	271.2	271.2	272.4
75°	226.4	228.4	230.3	227.2	221.9
77.5°	178.4	184.8	189.6	182.9	176.5
80°	131.0	141.6	147.5	140.1	130.3
82.5°	89.4	101.4	103.3	98.8	87.5
85°	49.3	57.9	58.6	56.7	49.3
87.5°	18.4	21.8	23.7	21.8	19.1
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)