

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: P1471652

Luminaire Tested: 14PTR-30S-PC3-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471652
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-PC3-L835-UNV-STD-W
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PC3 Lens White Reces:
Frame
Light Source: -
Ballast/Driver: -

Summary

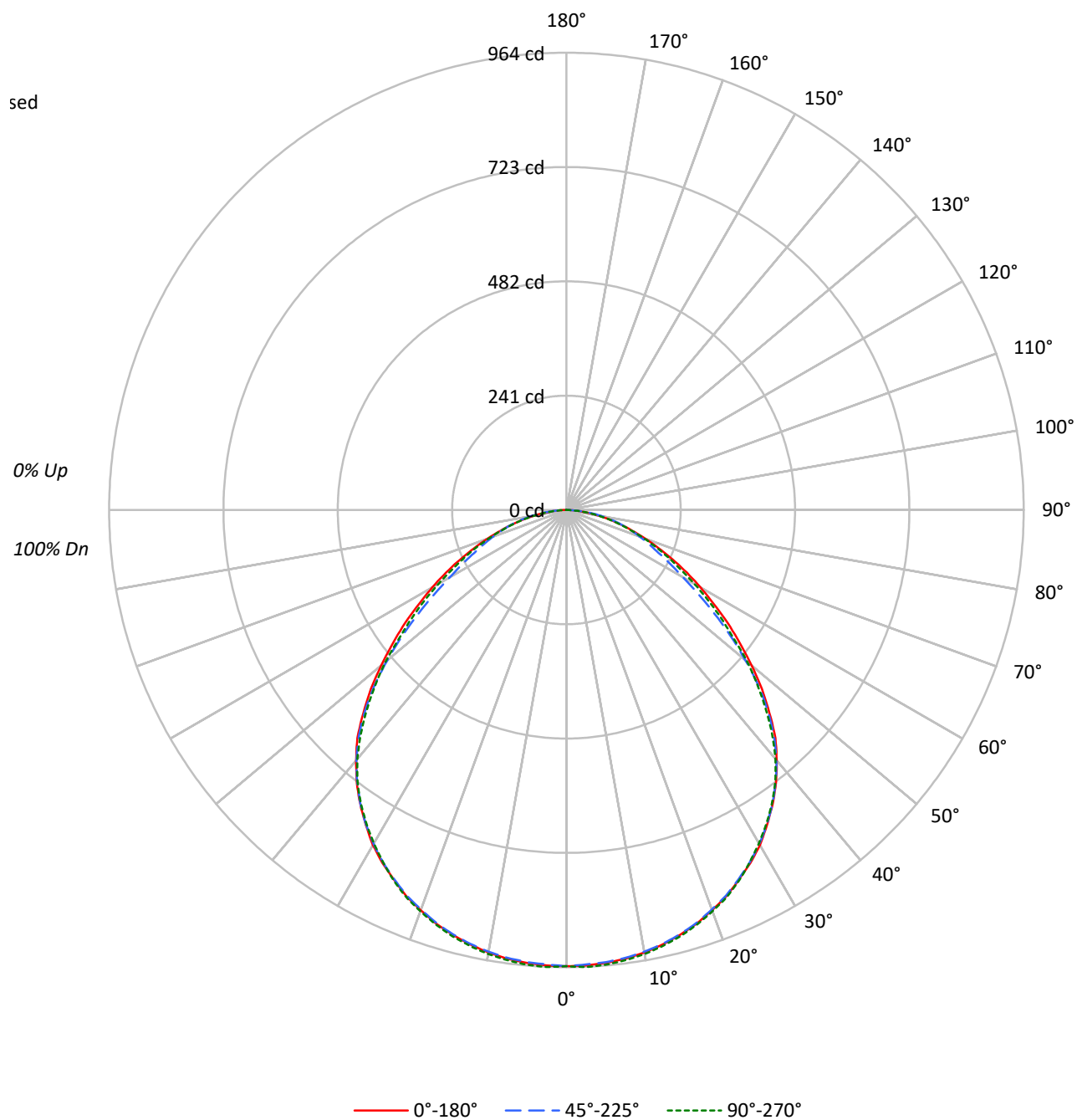
Lumens per Lamp: N/A
Luminaire Lumens: 2424.8 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 23.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
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					0
RW	70	50	30	10	70	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
1	110	105	101	98	107	103	99	96		99	96	93		95	92	90		91	89	87
2	100	93	86	81	98	91	85	80		87	82	78		84	80	76		81	78	75
3	92	82	74	68	90	80	73	68		77	71	66		75	70	65		72	68	64
4	85	73	65	58	82	72	64	58		69	63	57		67	61	56		65	60	56
5	78	66	57	51	76	65	56	50		62	55	50		61	54	49		59	53	49
6	72	59	51	45	70	58	50	44		57	49	44		55	49	44		53	48	43
7	67	54	46	40	65	53	45	39		52	44	39		50	44	39		49	43	39
8	62	49	41	35	61	49	41	35		47	40	35		46	40	35		45	39	35
9	58	45	37	32	57	45	37	32		44	37	32		43	36	32		42	36	31
10	55	42	34	29	54	41	34	29		40	34	29		40	33	29		39	33	29

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2588	2588	2588
5°	2589	2584	2599
10°	2589	2584	2598
15°	2583	2580	2591
20°	2571	2567	2578
25°	2553	2550	2559
30°	2535	2526	2522
35°	2489	2486	2482
40°	2423	2419	2408
45°	2304	2287	2264
50°	2133	2061	2084
55°	1946	1788	1869
60°	1755	1526	1674
65°	1569	1365	1505
70°	1392	1291	1353
75°	1231	1252	1206
80°	1062	1195	1055
85°	794	945	794

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2309 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.2	3.8
10°-20°	261.8	10.8
20°-30°	396.4	16.3
30°-40°	472.6	19.5
40°-50°	461.8	19.0
50°-60°	353.1	14.6
60°-70°	226.7	9.4
70°-80°	126.1	5.2
80°-90°	34.8	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°	749.5	30.9
0°-40°	1222.1	50.4
0°-60°	2037.1	84.0
0°-90°	2424.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2424.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	962	962	962	962	962	
5°	958	959	957	961	962	91
15°	927	928	926	929	930	262
25°	860	861	859	861	862	397
35°	758	758	757	756	755	473
45°	605	607	601	600	595	466
55°	415	400	381	386	398	371
65°	246	227	214	222	236	246
75°	118	119	120	119	116	126
85°	26	30	31	30	26	32
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	961.8	961.8	961.8	961.8	961.8
2.5°	961.2	961.5	959.0	963.2	964.5
5°	958.4	959.0	956.7	961.2	962.2
7.5°	954.3	954.9	952.5	957.0	957.4
10°	947.4	947.8	945.7	950.2	950.8
12.5°	938.2	939.2	936.8	940.9	941.2
15°	927.0	927.8	926.0	929.2	930.2
17.5°	914.0	914.4	912.7	916.0	916.4
20°	897.8	897.8	896.4	900.3	900.3
22.5°	881.3	880.3	879.9	881.3	883.4
25°	860.0	861.0	858.7	861.4	862.0
27.5°	839.4	839.4	837.3	838.7	836.9
30°	815.7	814.3	812.9	813.2	811.5
32.5°	787.0	787.0	786.4	786.4	784.3
35°	757.6	758.2	756.8	756.4	755.4
37.5°	725.8	726.9	724.4	723.8	723.1
40°	689.7	689.7	688.7	687.3	685.6
42.5°	652.2	652.2	647.8	644.3	641.9
45°	605.4	606.8	600.9	599.6	594.8
47.5°	558.9	557.9	550.1	549.1	546.3
50°	509.4	503.6	492.3	495.3	497.8
52.5°	460.0	452.7	436.2	439.6	443.7
55°	414.8	400.5	381.2	386.0	398.3
57.5°	367.7	348.5	329.2	338.2	353.6
60°	326.1	304.5	283.5	293.1	311.0
62.5°	286.2	263.2	246.4	255.6	270.7
65°	246.4	227.4	214.4	221.5	236.4
67.5°	209.9	197.1	188.2	191.6	203.6
70°	176.9	168.9	164.1	165.1	172.0
72.5°	145.5	143.5	141.7	141.7	142.4
75°	118.4	119.4	120.4	118.7	116.0
77.5°	93.2	96.6	99.1	95.6	92.2
80°	68.5	74.0	77.1	73.2	68.1
82.5°	46.7	53.0	54.0	51.6	45.7
85°	25.7	30.2	30.6	29.6	25.7
87.5°	9.6	11.4	12.4	11.4	10.0
90°	0.0	0.0	0.0	0.0	0.0

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.8	15.3	14.1	15.6	16.0	13.5	15.1	13.9	15.4	15.7
	3H	15.2	16.6	15.6	16.9	17.3	15.0	16.4	15.4	16.7	17.1
	4H	15.7	17.1	16.1	17.4	17.8	15.6	16.9	15.9	17.2	17.6
	6H	16.1	17.4	16.6	17.7	18.1	16.0	17.2	16.4	17.5	17.9
	8H	16.3	17.4	16.7	17.8	18.2	16.1	17.2	16.5	17.6	18.0
	12H	16.3	17.4	16.8	17.8	18.2	16.1	17.3	16.6	17.6	18.1
4H	2H	14.2	15.5	14.6	15.8	16.2	14.0	15.3	14.4	15.6	16.0
	3H	15.8	16.9	16.3	17.3	17.7	15.7	16.8	16.1	17.2	17.6
	4H	16.5	17.5	17.0	17.9	18.4	16.4	17.4	16.8	17.8	18.2
	6H	17.1	17.9	17.5	18.4	18.8	16.9	17.8	17.4	18.2	18.7
	8H	17.2	18.0	17.7	18.5	19.0	17.1	17.9	17.6	18.3	18.8
	12H	17.3	18.1	17.8	18.5	19.0	17.2	17.9	17.7	18.4	18.9
8H	4H	16.8	17.6	17.3	18.0	18.5	16.7	17.5	17.1	17.9	18.4
	6H	17.5	18.1	18.0	18.6	19.1	17.3	18.0	17.8	18.5	19.0
	8H	17.7	18.3	18.2	18.8	19.3	17.6	18.2	18.1	18.7	19.2
	12H	17.9	18.4	18.4	18.9	19.5	17.8	18.3	18.3	18.8	19.3
12H	4H	16.8	17.5	17.3	18.0	18.5	16.7	17.4	17.2	17.9	18.4
	6H	17.5	18.1	18.1	18.6	19.1	17.4	18.0	17.9	18.5	19.0
	8H	17.8	18.4	18.3	18.8	19.4	17.7	18.2	18.2	18.7	19.3

(END OF REPORT)