

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: P1192870

Luminaire Tested: 24PT-30-PB1-L935

Issue Date: 10/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192870
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2202-549-7)
Test Lab: INNOVATION CENTER
Issue Date: 10/2/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24PT-30-PB1-L935
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND BEVEL LENS
Light Source: -
Ballast/Driver: -

Summary

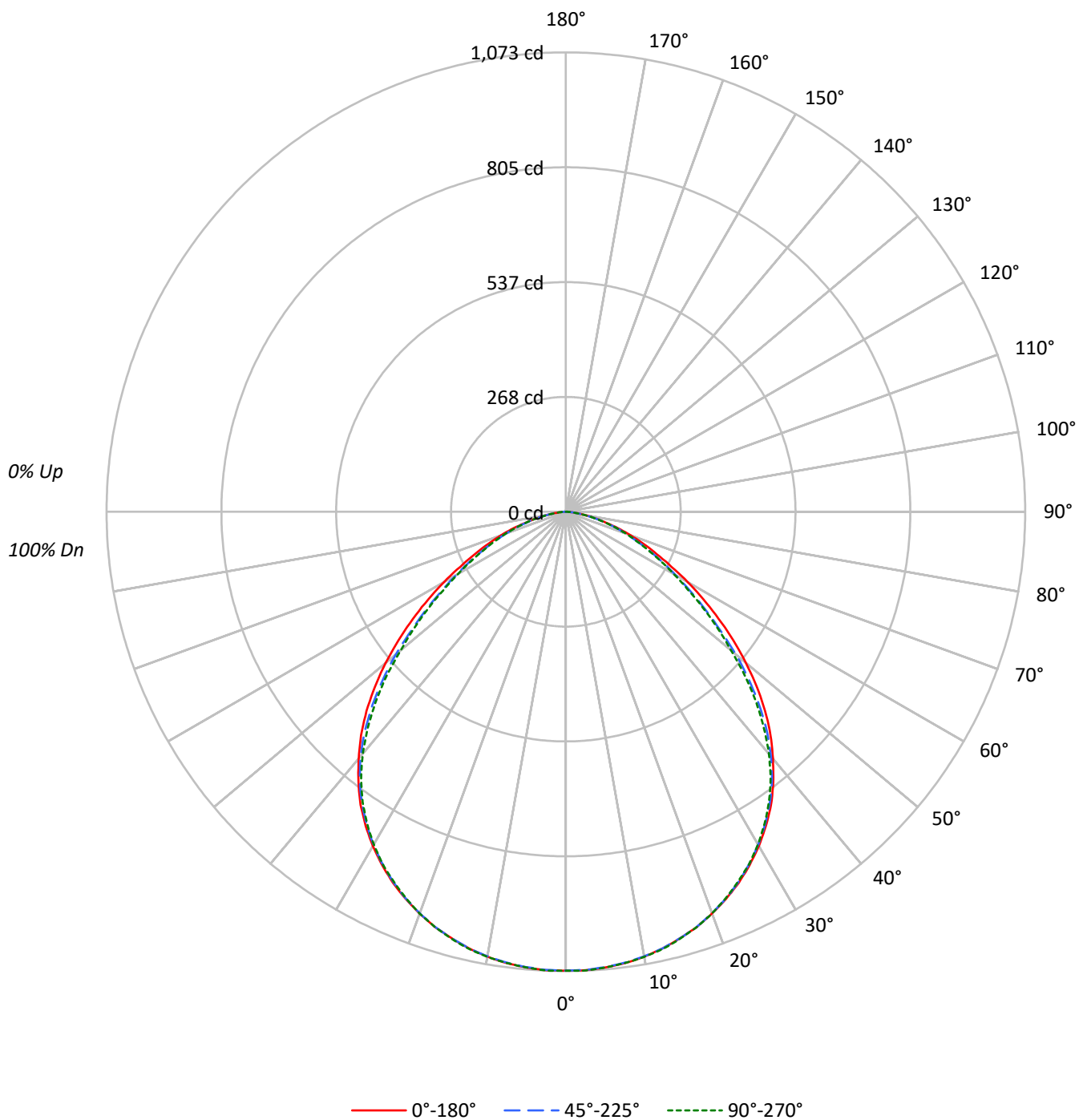
Lumens per Lamp: N/A
Luminaire Lumens: 2545.0 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.32
Luminous Opening: Rectangular (W 1.92' x L: 3.92' x H: 0')
CIE Type: Direct

Input Watts (W): 24
Input Voltage (V): NR
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				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	110	106	102	99	108	104	100	97	100	97	94		96	93	91		92
2	101	94	88	83	99	92	86	82	88	84	80		85	81	78		82
3	93	83	76	70	91	82	75	69	79	73	68		76	71	67		74
4	86	75	66	60	83	73	66	60	71	64	59		69	63	58		66
5	79	67	59	53	77	66	58	52	64	57	52		62	56	51		60
6	73	61	52	46	71	60	52	46	58	51	46		56	50	45		55
7	68	55	47	41	66	55	47	41	53	46	41		52	45	40		50
8	64	51	43	37	62	50	42	37	49	42	37		47	41	36		46
9	59	47	39	33	58	46	38	33	45	38	33		44	38	33		43
10	56	43	35	30	55	43	35	30	42	35	30		41	34	30		40

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1533	1533	1533
5°	1534	1533	1534
10°	1533	1531	1533
15°	1527	1527	1529
20°	1520	1519	1520
25°	1509	1505	1503
30°	1489	1483	1482
35°	1459	1450	1445
40°	1405	1392	1378
45°	1332	1293	1270
50°	1222	1153	1120
55°	1087	990	976
60°	942	846	832
65°	794	726	717
70°	674	621	625
75°	529	506	511
80°	386	379	382
85°	236	249	249

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1332 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.5	4.0
10°-20°	291.1	11.4
20°-30°	439.4	17.3
30°-40°	518.2	20.4
40°-50°	492.3	19.3
50°-60°	363.3	14.3
60°-70°	219.3	8.6
70°-80°	100.3	3.9
80°-90°	19.6	0.8
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°	832.0	32.7
0°-40°	1350.2	53.1
0°-60°	2205.8	86.7
0°-90°	2545.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2545.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1072	1072	1072	1072	1072	
5°	1068	1069	1068	1067	1068	102
15°	1031	1032	1031	1031	1032	291
25°	956	956	954	952	953	440
35°	836	834	831	827	827	521
45°	658	654	639	630	628	506
55°	436	418	397	388	391	390
65°	235	227	214	210	212	236
75°	96	94	92	90	92	104
85°	14	15	15	15	15	19
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1071.8	1071.8	1071.8	1071.8	1071.8
2.5°	1071.8	1071.8	1070.9	1070.1	1072.6
5°	1068.4	1068.8	1067.5	1066.7	1068.4
7.5°	1063.3	1063.3	1062.1	1061.2	1062.9
10°	1055.3	1055.3	1054.5	1054.0	1055.7
12.5°	1044.7	1045.2	1044.3	1043.9	1046.0
15°	1031.2	1031.7	1031.2	1030.8	1032.5
17.5°	1016.9	1017.3	1016.5	1015.2	1016.9
20°	998.7	999.6	997.9	997.0	998.7
22.5°	978.5	979.3	977.6	976.8	976.8
25°	956.1	955.7	954.0	952.3	952.7
27.5°	929.9	930.4	927.8	926.1	927.4
30°	901.6	902.1	898.3	897.0	897.4
32.5°	870.0	869.6	866.2	864.1	864.1
35°	835.8	834.5	830.7	827.4	827.4
37.5°	796.1	795.3	791.1	786.8	785.6
40°	752.6	751.8	745.5	740.0	737.9
42.5°	707.9	705.4	695.2	686.8	684.7
45°	658.5	653.9	639.1	630.2	628.1
47.5°	605.3	599.4	579.1	569.0	568.2
50°	549.2	538.6	518.4	505.3	503.6
52.5°	492.6	477.4	454.2	444.5	447.0
55°	436.0	418.3	397.2	387.9	391.3
57.5°	381.2	362.6	344.4	335.2	337.3
60°	329.3	313.2	295.9	288.3	290.8
62.5°	278.2	268.0	253.3	246.5	249.9
65°	234.7	227.1	214.4	210.2	211.9
67.5°	196.7	190.8	179.8	176.4	179.0
70°	161.2	157.0	148.6	147.3	149.4
72.5°	127.5	124.9	120.3	118.2	119.5
75°	95.8	94.1	91.6	90.3	92.4
77.5°	69.2	68.0	67.1	67.1	67.5
80°	46.9	46.4	46.0	45.6	46.4
82.5°	28.7	28.7	28.7	28.7	29.1
85°	14.4	14.8	15.2	14.8	15.2
87.5°	4.6	5.1	5.5	5.5	5.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)