

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: P1192869

Luminaire Tested: 24PT-30-PB1-L930

Issue Date: 10/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192869
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-L930
Description: 3000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND BEVEL LENS
Light Source: -
Ballast/Driver: -

Summary

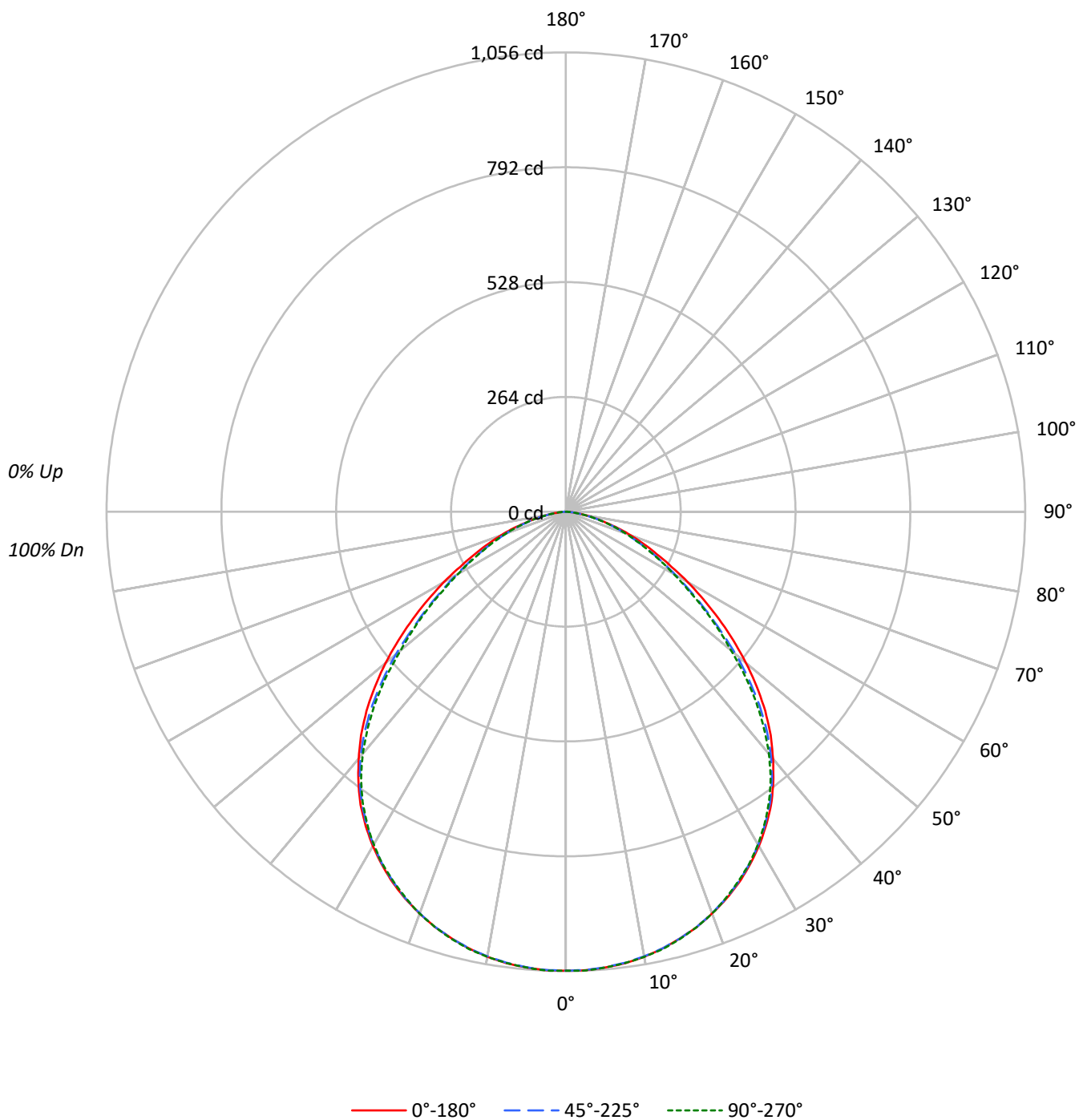
Lumens per Lamp: N/A
Luminaire Lumens: 2505.0 lumens
Efficiency: N/A
Efficacy: 104.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.32
Luminous Opening: Rectangular (W 1.92' x L: 3.92' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94		96	93	91		92	90	89	87
2	101	94	88	83	99	92	86	82	88	84	80		85	81	78		82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68		76	71	67		74	70	66	64
4	86	75	66	60	83	73	66	60	71	64	59		69	63	58		66	62	58	55
5	79	67	59	53	77	66	58	52	64	57	52		62	56	51		60	55	51	49
6	73	61	52	46	71	60	52	46	58	51	46		56	50	45		55	49	45	43
7	68	55	47	41	66	55	47	41	53	46	41		52	45	40		50	45	40	38
8	64	51	43	37	62	50	42	37	49	42	37		47	41	36		46	41	36	34
9	59	47	39	33	58	46	38	33	45	38	33		44	38	33		43	37	33	31
10	56	43	35	30	55	43	35	30	42	35	30		41	34	30		40	34	30	28

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1509	1509	1509
5°	1510	1509	1510
10°	1508	1507	1509
15°	1503	1503	1505
20°	1496	1495	1496
25°	1485	1482	1480
30°	1466	1460	1459
35°	1436	1428	1422
40°	1383	1370	1356
45°	1311	1272	1250
50°	1203	1135	1103
55°	1070	975	960
60°	927	833	819
65°	782	714	706
70°	664	612	615
75°	521	498	503
80°	380	373	376
85°	231	246	246

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.9	4.0
10°-20°	286.5	11.4
20°-30°	432.5	17.3
30°-40°	510.0	20.4
40°-50°	484.6	19.3
50°-60°	357.6	14.3
60°-70°	215.8	8.6
70°-80°	98.8	3.9
80°-90°	19.3	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°	818.9	32.7
0°-40°	1329.0	53.1
0°-60°	2171.1	86.7
0°-90°	2505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2505.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1055	1055	1055	1055	1055	
5°	1052	1052	1051	1050	1052	100
15°	1015	1015	1015	1015	1016	287
25°	941	941	939	937	938	433
35°	823	821	818	814	814	513
45°	648	644	629	620	618	498
55°	429	412	391	382	385	384
65°	231	224	211	207	209	232
75°	94	93	90	89	91	103
85°	14	14	15	14	15	19
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1054.9	1054.9	1054.9	1054.9	1054.9
2.5°	1054.9	1054.9	1054.1	1053.3	1055.7
5°	1051.6	1052.0	1050.8	1049.9	1051.6
7.5°	1046.6	1046.6	1045.4	1044.5	1046.2
10°	1038.7	1038.7	1037.9	1037.5	1039.1
12.5°	1028.3	1028.7	1027.9	1027.5	1029.6
15°	1015.0	1015.4	1015.0	1014.6	1016.3
17.5°	1000.9	1001.3	1000.5	999.2	1000.9
20°	983.0	983.9	982.2	981.4	983.0
22.5°	963.1	963.9	962.3	961.4	961.4
25°	941.1	940.7	939.0	937.3	937.7
27.5°	915.3	915.7	913.2	911.6	912.8
30°	887.5	887.9	884.2	882.9	883.3
32.5°	856.3	855.9	852.6	850.5	850.5
35°	822.7	821.4	817.7	814.4	814.4
37.5°	783.6	782.8	778.6	774.5	773.2
40°	740.8	740.0	733.7	728.3	726.3
42.5°	696.8	694.3	684.3	676.0	673.9
45°	648.2	643.6	629.0	620.3	618.2
47.5°	595.8	590.0	570.0	560.1	559.2
50°	540.5	530.2	510.2	497.3	495.7
52.5°	484.9	469.9	447.1	437.5	440.0
55°	429.2	411.7	391.0	381.8	385.2
57.5°	375.2	356.9	339.0	329.9	332.0
60°	324.1	308.3	291.3	283.8	286.3
62.5°	273.8	263.8	249.3	242.6	246.0
65°	231.0	223.5	211.1	206.9	208.6
67.5°	193.6	187.8	177.0	173.7	176.2
70°	158.7	154.6	146.3	145.0	147.1
72.5°	125.5	123.0	118.4	116.3	117.6
75°	94.3	92.7	90.2	88.9	91.0
77.5°	68.1	66.9	66.1	66.1	66.5
80°	46.1	45.7	45.3	44.9	45.7
82.5°	28.3	28.3	28.3	28.3	28.7
85°	14.1	14.5	15.0	14.5	15.0
87.5°	4.6	5.0	5.4	5.4	5.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)