

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: P1471651

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

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471651
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-B
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PC3 Lens Black Recess
Frame
Light Source: -
Ballast/Driver: -

Summary

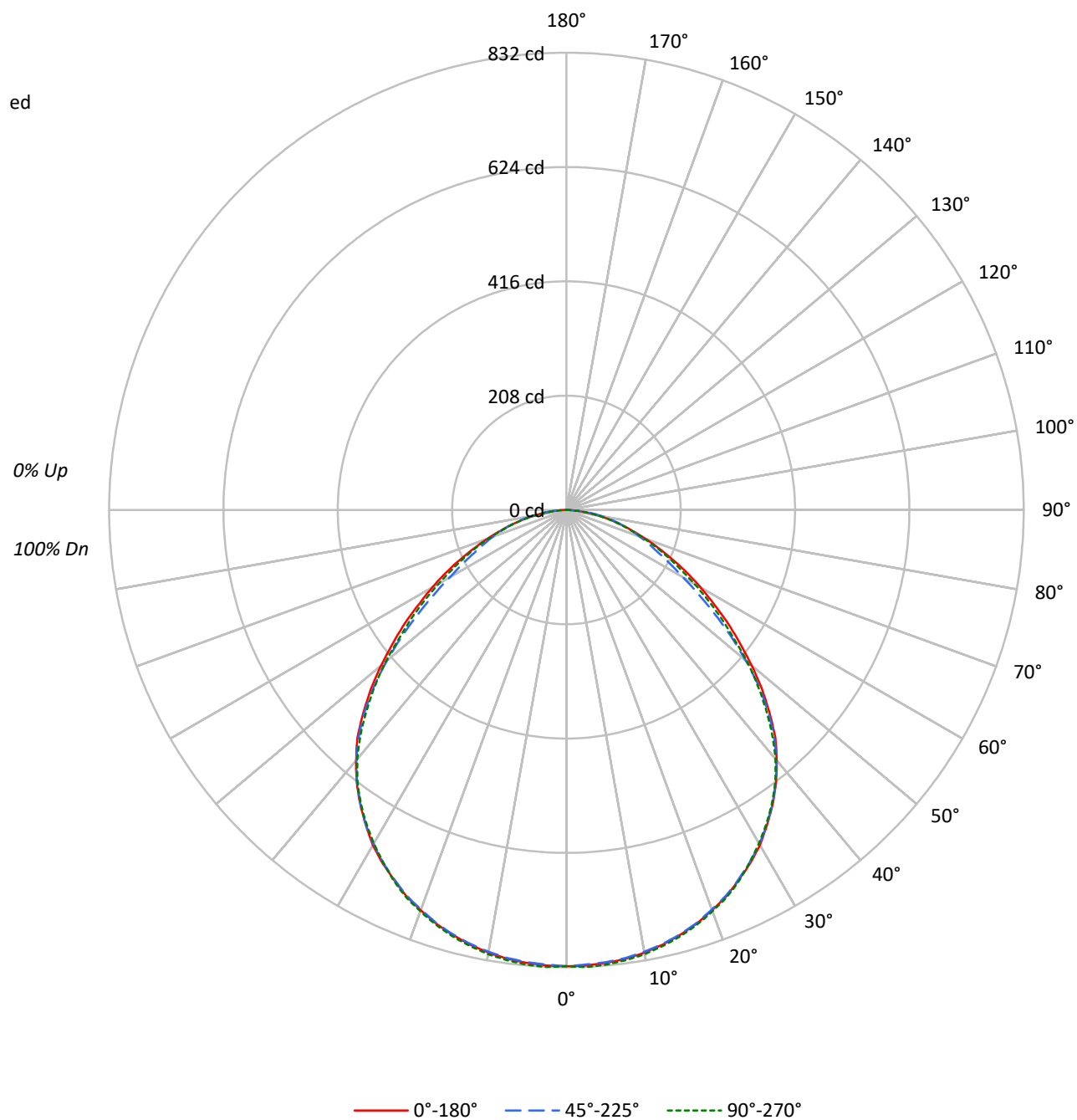
Lumens per Lamp: N/A
Luminaire Lumens: 2093.0 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	50	30	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	87	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	75	75	72
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	64	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	56	56	54
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	49	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	43	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	39	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	35	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	31	31	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	29	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2234	2234	2234
5°	2235	2230	2243
10°	2235	2231	2243
15°	2229	2227	2237
20°	2219	2216	2225
25°	2204	2201	2209
30°	2188	2180	2177
35°	2148	2146	2142
40°	2091	2088	2079
45°	1989	1974	1954
50°	1841	1779	1799
55°	1680	1544	1613
60°	1515	1317	1445
65°	1354	1178	1299
70°	1201	1115	1168
75°	1063	1080	1041
80°	916	1032	911
85°	685	815	685

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 1993 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.7	3.8
10°-20°	226.0	10.8
20°-30°	342.2	16.3
30°-40°	408.0	19.5
40°-50°	398.6	19.0
50°-60°	304.8	14.6
60°-70°	195.7	9.4
70°-80°	108.9	5.2
80°-90°	30.1	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°	646.9	30.9
0°-40°	1054.9	50.4
0°-60°	1758.3	84.0
0°-90°	2093.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2093.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	830	830	830	830	830	
5°	827	828	826	830	830	79
15°	800	801	799	802	803	226
25°	742	743	741	744	744	342
35°	654	654	653	653	652	408
45°	523	524	519	518	513	402
55°	358	346	329	333	344	320
65°	213	196	185	191	204	212
75°	102	103	104	102	100	109
85°	22	26	26	26	22	27
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	830.2	830.2	830.2	830.2	830.2
2.5°	829.6	830.0	827.8	831.4	832.5
5°	827.3	827.8	825.7	829.6	830.5
7.5°	823.7	824.2	822.2	826.1	826.4
10°	817.8	818.1	816.3	820.1	820.7
12.5°	809.8	810.6	808.6	812.2	812.4
15°	800.2	800.8	799.3	802.0	802.9
17.5°	789.0	789.3	787.8	790.7	791.0
20°	774.9	774.9	773.7	777.1	777.1
22.5°	760.7	759.8	759.5	760.7	762.5
25°	742.4	743.2	741.2	743.5	744.1
27.5°	724.5	724.5	722.7	723.9	722.4
30°	704.1	702.9	701.7	701.9	700.5
32.5°	679.3	679.3	678.8	678.8	677.0
35°	653.9	654.4	653.2	652.9	652.1
37.5°	626.5	627.5	625.3	624.8	624.1
40°	595.3	595.3	594.4	593.3	591.7
42.5°	562.9	562.9	559.2	556.1	554.1
45°	522.6	523.8	518.7	517.5	513.4
47.5°	482.5	481.6	474.8	473.9	471.6
50°	439.7	434.7	425.0	427.5	429.7
52.5°	397.0	390.8	376.5	379.4	383.0
55°	358.1	345.7	329.0	333.1	343.8
57.5°	317.4	300.8	284.2	291.9	305.2
60°	281.5	262.8	244.7	253.0	268.4
62.5°	247.1	227.2	212.6	220.6	233.7
65°	212.6	196.2	185.0	191.2	204.0
67.5°	181.1	170.1	162.5	165.4	175.7
70°	152.7	145.8	141.7	142.5	148.4
72.5°	125.6	123.9	122.3	122.3	122.9
75°	102.2	103.0	103.9	102.5	100.1
77.5°	80.5	83.4	85.6	82.5	79.6
80°	59.1	63.9	66.6	63.2	58.8
82.5°	40.3	45.7	46.6	44.6	39.5
85°	22.2	26.1	26.4	25.6	22.2
87.5°	8.3	9.8	10.7	9.8	8.6
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	13.3	14.8	13.6	15.1	15.4	13.0	14.6	13.4	14.9	15.2
	3H	14.7	16.1	15.1	16.4	16.8	14.5	15.9	14.9	16.2	16.6
	4H	15.2	16.6	15.6	16.9	17.3	15.0	16.4	15.4	16.7	17.1
	6H	15.6	16.8	16.0	17.2	17.6	15.4	16.7	15.9	17.0	17.4
	8H	15.7	16.9	16.2	17.3	17.7	15.6	16.7	16.0	17.1	17.5
	12H	15.8	16.9	16.2	17.3	17.7	15.6	16.7	16.1	17.1	17.6
4H	2H	13.6	15.0	14.0	15.3	15.7	13.5	14.8	13.9	15.1	15.5
	3H	15.3	16.4	15.7	16.8	17.2	15.2	16.3	15.6	16.7	17.1
	4H	16.0	17.0	16.5	17.4	17.9	15.9	16.8	16.3	17.3	17.7
	6H	16.6	17.4	17.0	17.9	18.3	16.4	17.3	16.9	17.7	18.2
	8H	16.7	17.5	17.2	18.0	18.4	16.6	17.4	17.0	17.8	18.3
	12H	16.8	17.6	17.3	18.0	18.5	16.7	17.4	17.2	17.9	18.4
8H	4H	16.3	17.1	16.7	17.5	18.0	16.1	16.9	16.6	17.4	17.9
	6H	17.0	17.6	17.4	18.1	18.6	16.8	17.5	17.3	18.0	18.5
	8H	17.2	17.8	17.7	18.3	18.8	17.1	17.7	17.6	18.2	18.7
	12H	17.4	17.9	17.9	18.4	19.0	17.2	17.8	17.8	18.3	18.8
12H	4H	16.3	17.0	16.8	17.5	18.0	16.2	16.9	16.7	17.4	17.8
	6H	17.0	17.6	17.5	18.1	18.6	16.9	17.5	17.4	18.0	18.5
	8H	17.3	17.8	17.8	18.3	18.9	17.2	17.7	17.7	18.2	18.8

(END OF REPORT)