

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: P1471647

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

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471647
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2310-200-1)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-L835-UNV-STD-B
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND Frosted Lens Black Recessed Frame
Light Source: -
Ballast/Driver: -

Summary

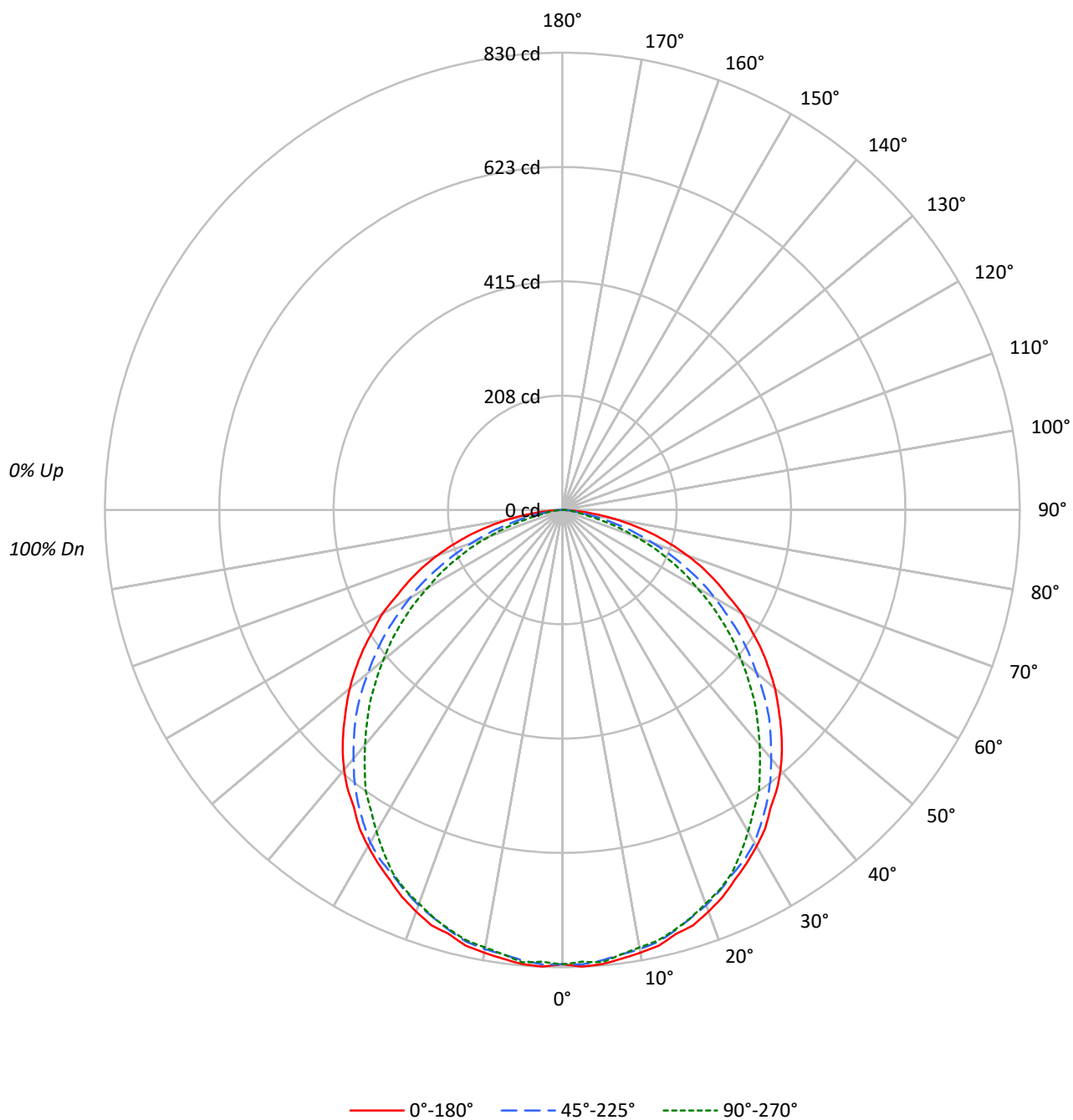
Lumens per Lamp: N/A
Luminaire Lumens: 2196.8 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.21 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	100		100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85		85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72		72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61		61
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52		52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40		40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35		35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31		31
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28		28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	26		26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2219	2219	2219
5°	2236	2217	2226
10°	2229	2212	2203
15°	2220	2202	2198
20°	2221	2186	2178
25°	2199	2167	2160
30°	2190	2166	2096
35°	2166	2127	2044
40°	2164	2070	1957
45°	2136	2017	1879
50°	2108	1927	1777
55°	2067	1837	1668
60°	2030	1718	1515
65°	1961	1577	1354
70°	1898	1372	1105
75°	1782	1082	761
80°	1545	654	457
85°	1031	469	438

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2136 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.2	3.6
10°-20°	223.7	10.2
20°-30°	337.9	15.4
30°-40°	401.8	18.3
40°-50°	407.5	18.5
50°-60°	353.8	16.1
60°-70°	251.2	11.4
70°-80°	120.0	5.5
80°-90°	22.8	1.0
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°	639.8	29.1
0°-40°	1041.5	47.4
0°-60°	1802.8	82.1
0°-90°	2196.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2196.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	825	825	825	825	825	
5°	828	825	821	823	824	79
15°	797	799	790	789	789	226
25°	741	740	730	733	728	342
35°	659	658	647	625	622	414
45°	561	556	530	502	494	433
55°	441	427	392	368	356	394
65°	308	285	248	221	213	305
75°	171	140	104	82	73	180
85°	33	18	15	15	14	42
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	824.7	824.7	824.7	824.7	824.7
2.5°	829.6	826.7	825.7	829.1	820.8
5°	827.7	824.7	820.8	822.8	824.2
7.5°	821.8	819.3	813.9	818.3	813.9
10°	815.9	813.4	809.5	811.0	806.1
12.5°	810.0	804.1	803.1	804.1	800.7
15°	796.7	798.7	790.3	789.4	788.9
17.5°	790.3	785.4	776.6	777.1	776.1
20°	775.6	769.7	763.3	762.3	760.4
22.5°	760.4	753.5	747.6	750.5	746.1
25°	740.7	739.7	729.9	732.9	727.5
27.5°	723.5	720.1	715.7	709.3	701.4
30°	704.9	701.4	697.0	680.3	674.4
32.5°	685.2	681.3	672.4	652.8	646.4
35°	659.2	658.2	647.4	625.3	622.3
37.5°	639.5	628.7	619.9	597.3	588.9
40°	616.0	610.1	589.4	567.8	557.0
42.5°	589.9	583.1	559.5	536.4	524.6
45°	561.4	556.5	530.0	502.0	493.7
47.5°	532.0	527.5	496.1	469.1	458.3
50°	503.5	498.1	460.3	434.2	424.4
52.5°	472.5	463.7	426.4	400.8	391.5
55°	440.6	427.3	391.5	368.4	355.6
57.5°	406.7	394.4	354.6	330.6	320.3
60°	377.2	360.0	319.3	294.7	281.5
62.5°	339.4	324.7	285.9	256.9	250.5
65°	308.0	284.9	247.6	221.0	212.7
67.5°	276.1	249.0	211.2	184.2	179.8
70°	241.2	213.2	174.4	147.9	140.5
72.5°	205.8	178.3	140.5	112.5	108.1
75°	171.4	140.0	104.1	82.5	73.2
77.5°	134.1	105.6	73.2	50.6	44.7
80°	99.7	71.2	42.2	30.0	29.5
82.5°	65.3	41.3	22.6	23.1	22.1
85°	33.4	17.7	15.2	14.7	14.2
87.5°	6.4	6.9	7.4	7.4	7.4
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	14.9	16.5	15.3	16.8	17.1	13.6	15.2	14.0	15.5	15.8
	3H	16.7	18.2	17.1	18.5	18.9	14.9	16.3	15.2	16.6	17.0
	4H	17.4	18.8	17.8	19.1	19.5	15.2	16.5	15.6	16.9	17.2
	6H	17.9	19.2	18.3	19.5	19.9	15.2	16.5	15.6	16.9	17.2
	8H	18.0	19.2	18.5	19.6	20.0	15.2	16.4	15.7	16.8	17.2
	12H	18.1	19.3	18.5	19.6	20.1	15.2	16.4	15.7	16.8	17.2
4H	2H	15.3	16.7	15.7	17.0	17.4	14.3	15.6	14.7	16.0	16.3
	3H	17.4	18.5	17.8	18.9	19.3	15.7	16.8	16.1	17.2	17.6
	4H	18.1	19.2	18.6	19.6	20.0	16.1	17.1	16.5	17.5	17.9
	6H	18.7	19.6	19.2	20.1	20.5	16.2	17.1	16.6	17.5	18.0
	8H	18.9	19.7	19.4	20.2	20.6	16.2	17.0	16.7	17.5	17.9
	12H	19.0	19.7	19.5	20.2	20.7	16.2	17.0	16.7	17.4	17.9
8H	4H	18.2	19.1	18.7	19.5	20.0	16.3	17.2	16.8	17.6	18.1
	6H	18.9	19.6	19.4	20.1	20.5	16.5	17.2	17.0	17.6	18.1
	8H	19.1	19.7	19.6	20.2	20.7	16.5	17.1	17.0	17.6	18.1
	12H	19.2	19.8	19.7	20.2	20.8	16.6	17.1	17.1	17.6	18.2
12H	4H	18.2	19.0	18.7	19.4	19.9	16.3	17.1	16.8	17.6	18.0
	6H	18.9	19.5	19.4	19.9	20.5	16.5	17.1	17.0	17.6	18.1
	8H	19.1	19.6	19.6	20.1	20.7	16.6	17.1	17.1	17.6	18.2



(END OF REPORT)