

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: P1471659

Luminaire Tested: 14PTR-30S-PR1-L835-UNV-STD-B

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471659
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-PR1-L835-UNV-STD-B
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PR1 Lens Black Recess
Frame
Light Source: -
Ballast/Driver: -

Summary

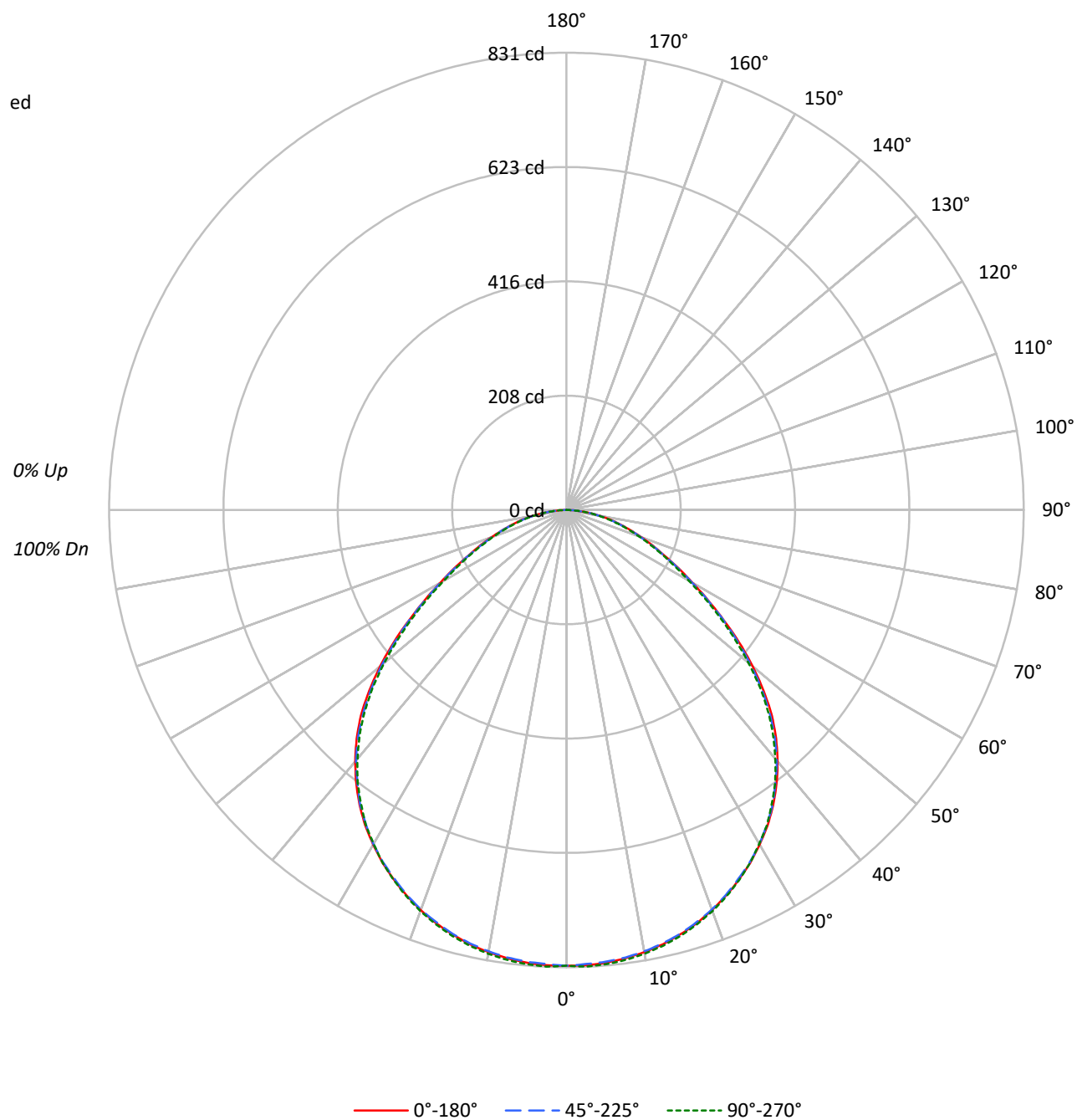
Lumens per Lamp: N/A
Luminaire Lumens: 2095.0 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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	88	88	88	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	75	75	73
3	92	82	74	68	90	80	73	68	78	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	45	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	39	33	29	39	33	29	29	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2229	2229	2229
5°	2231	2226	2239
10°	2229	2226	2238
15°	2225	2222	2232
20°	2216	2213	2222
25°	2202	2196	2204
30°	2182	2179	2177
35°	2152	2147	2138
40°	2098	2089	2074
45°	2010	1987	1973
50°	1850	1829	1806
55°	1637	1630	1598
60°	1422	1417	1379
65°	1254	1246	1221
70°	1138	1121	1098
75°	1053	1028	1010
80°	961	948	916
85°	760	753	722

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2010 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.6	3.8
10°-20°	225.5	10.8
20°-30°	341.7	16.3
30°-40°	407.9	19.5
40°-50°	401.1	19.1
50°-60°	310.0	14.8
60°-70°	195.5	9.3
70°-80°	105.7	5.0
80°-90°	28.9	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°	645.8	30.8
0°-40°	1053.7	50.3
0°-60°	1764.9	84.2
0°-90°	2095.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2095.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	828	828	828	828	828	
5°	826	826	824	828	829	79
15°	799	799	798	800	801	225
25°	742	742	740	742	742	342
35°	655	655	654	653	651	409
45°	528	526	522	518	518	404
55°	349	352	347	342	341	313
65°	197	197	196	192	192	198
75°	101	100	99	100	97	108
85°	25	25	24	25	23	29
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	828.4	828.4	828.4	828.4	828.4
2.5°	828.1	828.4	826.0	829.9	830.8
5°	826.0	826.4	824.2	827.8	828.7
7.5°	821.8	822.5	820.4	824.0	824.9
10°	815.9	816.5	814.5	818.1	818.9
12.5°	808.6	808.8	807.1	810.3	811.2
15°	798.7	799.0	797.6	800.1	801.3
17.5°	787.4	787.7	785.7	788.9	789.5
20°	773.8	774.0	772.9	775.6	775.9
22.5°	758.6	759.3	757.4	759.8	760.1
25°	741.5	742.0	739.6	742.0	742.3
27.5°	723.3	723.6	721.5	723.3	723.0
30°	702.2	704.0	701.3	700.7	700.5
32.5°	680.3	680.5	677.9	677.3	678.5
35°	655.0	655.3	653.5	652.7	650.8
37.5°	627.4	627.4	624.1	623.5	623.2
40°	597.1	596.8	594.7	592.7	590.5
42.5°	564.1	564.8	560.5	557.0	556.4
45°	528.2	526.1	522.2	518.1	518.5
47.5°	485.8	486.3	481.0	477.7	476.8
50°	441.8	441.8	436.8	433.2	431.4
52.5°	395.8	396.1	391.4	386.6	385.7
55°	348.9	351.8	347.4	341.8	340.6
57.5°	305.0	307.4	303.1	297.2	296.9
60°	264.3	264.5	263.3	257.7	256.2
62.5°	229.6	228.1	227.4	224.5	222.7
65°	196.9	197.2	195.7	192.4	191.8
67.5°	170.5	170.1	167.4	165.4	164.2
70°	144.6	143.7	142.5	140.8	139.6
72.5°	121.5	121.5	120.5	120.0	117.9
75°	101.3	100.1	98.9	99.5	97.1
77.5°	82.0	80.8	79.8	78.6	78.1
80°	62.0	60.8	61.2	59.3	59.1
82.5°	43.0	43.0	42.5	41.0	41.3
85°	24.6	24.9	24.4	24.6	23.4
87.5°	9.0	9.2	9.8	9.2	9.2
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	14.9	13.7	15.2	15.5	13.1	14.7	13.5	15.0	15.3
	3H	14.7	16.1	15.0	16.4	16.7	14.4	15.8	14.8	16.2	16.5
	4H	15.2	16.5	15.6	16.8	17.2	15.0	16.3	15.4	16.6	17.0
	6H	15.6	16.8	16.0	17.2	17.6	15.4	16.6	15.8	16.9	17.3
	8H	15.7	16.9	16.1	17.3	17.7	15.5	16.7	15.9	17.0	17.4
	12H	15.8	16.9	16.2	17.3	17.7	15.6	16.7	16.0	17.1	17.5
4H	2H	13.8	15.1	14.2	15.4	15.8	13.6	14.9	14.0	15.2	15.6
	3H	15.3	16.4	15.7	16.8	17.2	15.2	16.2	15.6	16.6	17.0
	4H	16.0	17.0	16.4	17.4	17.8	15.8	16.8	16.2	17.2	17.7
	6H	16.5	17.4	17.0	17.8	18.3	16.3	17.2	16.8	17.6	18.1
	8H	16.7	17.5	17.2	18.0	18.4	16.5	17.3	17.0	17.8	18.2
	12H	16.8	17.5	17.3	18.0	18.5	16.6	17.3	17.1	17.8	18.3
8H	4H	16.2	17.0	16.7	17.5	17.9	16.1	16.9	16.5	17.3	17.8
	6H	16.9	17.5	17.4	18.0	18.5	16.7	17.4	17.2	17.9	18.3
	8H	17.1	17.7	17.6	18.2	18.7	16.9	17.5	17.5	18.1	18.5
	12H	17.3	17.8	17.8	18.3	18.9	17.1	17.7	17.6	18.1	18.7
12H	4H	16.2	17.0	16.7	17.4	17.9	16.1	16.8	16.6	17.3	17.8
	6H	16.9	17.5	17.5	18.0	18.5	16.8	17.4	17.3	17.8	18.4
	8H	17.2	17.7	17.7	18.2	18.8	17.0	17.6	17.6	18.1	18.6

(END OF REPORT)