

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: P1471722

Luminaire Tested: 22PTR-35S-PP3-L835-UNV-STD-W

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471722
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737727)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-35S-PP3-L835-UNV-STD-W
Description: 3500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PP3 Lens White Reces:
Frame
Light Source: -
Ballast/Driver: -

Summary

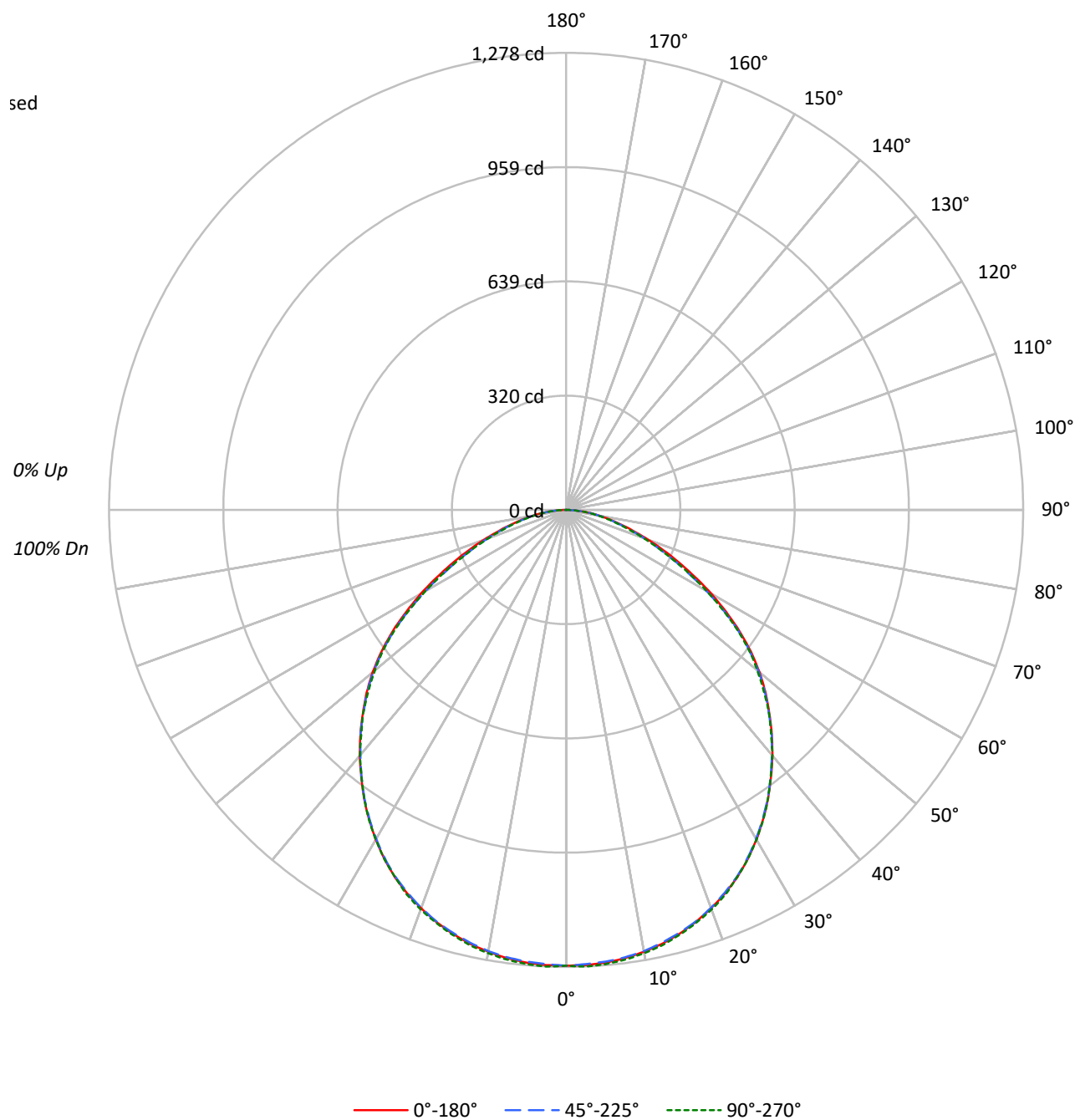
Lumens per Lamp: N/A
Luminaire Lumens: 3293.0 lumens
Efficiency: N/A
Efficacy: 118.0 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 27.9
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	99	96	93	95	92	90	91	89	87	85		85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72		72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61		61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53		53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46		46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40		40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36		36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32		32
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29		29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26		26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3430	3430	3430
5°	3433	3425	3444
10°	3428	3423	3439
15°	3417	3410	3426
20°	3394	3391	3406
25°	3364	3358	3363
30°	3307	3301	3307
35°	3235	3231	3234
40°	3153	3143	3151
45°	3058	3049	3053
50°	2956	2941	2920
55°	2782	2750	2741
60°	2525	2440	2444
65°	2218	2106	2103
70°	1917	1830	1810
75°	1658	1597	1563
80°	1469	1449	1384
85°	1213	1257	1183

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 3069 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.9	3.7
10°-20°	346.3	10.5
20°-30°	521.3	15.8
30°-40°	615.3	18.7
40°-50°	618.8	18.8
50°-60°	522.4	15.9
60°-70°	335.5	10.2
70°-80°	166.9	5.1
80°-90°	45.7	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°	988.4	30.0
0°-40°	1603.7	48.7
0°-60°	2744.9	83.4
0°-90°	3293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3293.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1274	1274	1274	1274	1274	
5°	1271	1271	1268	1274	1275	121
15°	1226	1227	1224	1230	1230	346
25°	1133	1133	1131	1133	1132	521
35°	985	985	984	984	984	616
45°	804	806	801	802	802	620
55°	593	592	586	584	584	528
65°	348	343	331	328	330	347
75°	160	159	154	152	150	173
85°	39	41	41	38	38	46
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1274.5	1274.5	1274.5	1274.5	1274.5
2.5°	1274.0	1274.5	1271.2	1277.2	1278.2
5°	1270.8	1271.2	1268.0	1274.0	1274.8
7.5°	1264.3	1264.8	1261.9	1267.5	1268.5
10°	1254.5	1256.0	1252.7	1257.9	1258.7
12.5°	1242.6	1243.1	1239.7	1245.8	1246.8
15°	1226.4	1226.8	1224.1	1229.6	1229.6
17.5°	1207.8	1208.3	1206.4	1211.1	1210.6
20°	1185.3	1186.6	1184.2	1187.4	1189.3
22.5°	1160.7	1161.2	1158.4	1162.6	1164.4
25°	1133.0	1133.3	1131.1	1133.3	1132.5
27.5°	1100.5	1101.4	1098.2	1100.5	1101.0
30°	1064.4	1066.7	1062.2	1064.1	1064.4
32.5°	1025.6	1026.9	1023.7	1024.2	1026.6
35°	984.9	985.4	983.5	984.4	984.4
37.5°	941.0	942.9	940.0	941.3	939.5
40°	897.5	895.6	894.6	895.6	897.0
42.5°	851.6	852.1	850.7	849.7	847.5
45°	803.5	806.4	801.2	802.2	802.2
47.5°	756.4	756.8	754.1	751.2	749.4
50°	706.0	706.0	702.6	700.5	697.6
52.5°	650.9	650.0	646.3	644.0	645.3
55°	593.0	592.5	586.2	583.8	584.3
57.5°	529.7	530.7	520.9	518.6	518.6
60°	469.2	464.5	453.4	450.2	454.2
62.5°	405.6	400.1	388.1	388.1	391.3
65°	348.3	343.3	330.8	327.5	330.3
67.5°	294.7	290.0	278.5	276.7	277.5
70°	243.7	239.7	232.6	228.4	230.0
72.5°	199.9	196.2	191.5	188.3	186.4
75°	159.5	158.7	153.6	152.1	150.3
77.5°	126.2	125.9	121.7	119.9	118.0
80°	94.8	94.3	93.5	90.6	89.3
82.5°	67.6	67.6	67.1	64.7	63.4
85°	39.3	40.7	40.7	38.3	38.3
87.5°	15.8	16.6	15.8	15.8	15.3
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	15.5	17.1	15.9	17.4	17.7	15.4	16.9	15.7	17.3	17.6
	3H	16.8	18.3	17.2	18.6	18.9	16.6	18.0	17.0	18.4	18.7
	4H	17.3	18.6	17.7	19.0	19.3	17.0	18.4	17.4	18.7	19.1
	6H	17.6	18.8	18.0	19.2	19.6	17.3	18.6	17.8	18.9	19.3
	8H	17.7	18.9	18.1	19.3	19.7	17.4	18.6	17.9	19.0	19.4
	12H	17.8	18.9	18.2	19.3	19.7	17.5	18.6	17.9	19.0	19.4
4H	2H	15.9	17.3	16.3	17.6	18.0	15.8	17.2	16.2	17.5	17.9
	3H	17.5	18.6	17.9	19.0	19.4	17.3	18.4	17.7	18.8	19.2
	4H	18.0	19.0	18.5	19.4	19.9	17.8	18.8	18.2	19.2	19.7
	6H	18.5	19.4	18.9	19.8	20.3	18.2	19.1	18.7	19.5	20.0
	8H	18.6	19.5	19.1	19.9	20.4	18.4	19.2	18.8	19.6	20.1
	12H	18.7	19.5	19.2	19.9	20.4	18.5	19.2	19.0	19.7	20.2
8H	4H	18.2	19.0	18.7	19.5	19.9	18.0	18.8	18.5	19.3	19.7
	6H	18.8	19.5	19.3	19.9	20.4	18.6	19.2	19.0	19.7	20.2
	8H	19.0	19.6	19.5	20.1	20.6	18.8	19.4	19.3	19.9	20.4
	12H	19.2	19.7	19.7	20.2	20.8	18.9	19.5	19.4	20.0	20.5
12H	4H	18.2	19.0	18.7	19.4	19.9	18.0	18.8	18.5	19.2	19.7
	6H	18.8	19.4	19.3	19.9	20.4	18.6	19.2	19.1	19.7	20.2
	8H	19.1	19.6	19.6	20.1	20.7	18.9	19.4	19.4	19.9	20.4

(END OF REPORT)