

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: P1471653

Luminaire Tested: 14PTR-30S-PL1-L835-UNV-STD-B

Issue Date: 6/22/2026

Test Information

Test Method: LM-79-2019
Report Number: P1471653
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 6/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14PTR-30S-PL1-L835-UNV-STD-B
Description: 3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PL1 Lens Black Recess
Frame
Light Source: -
Ballast/Driver: -

Summary

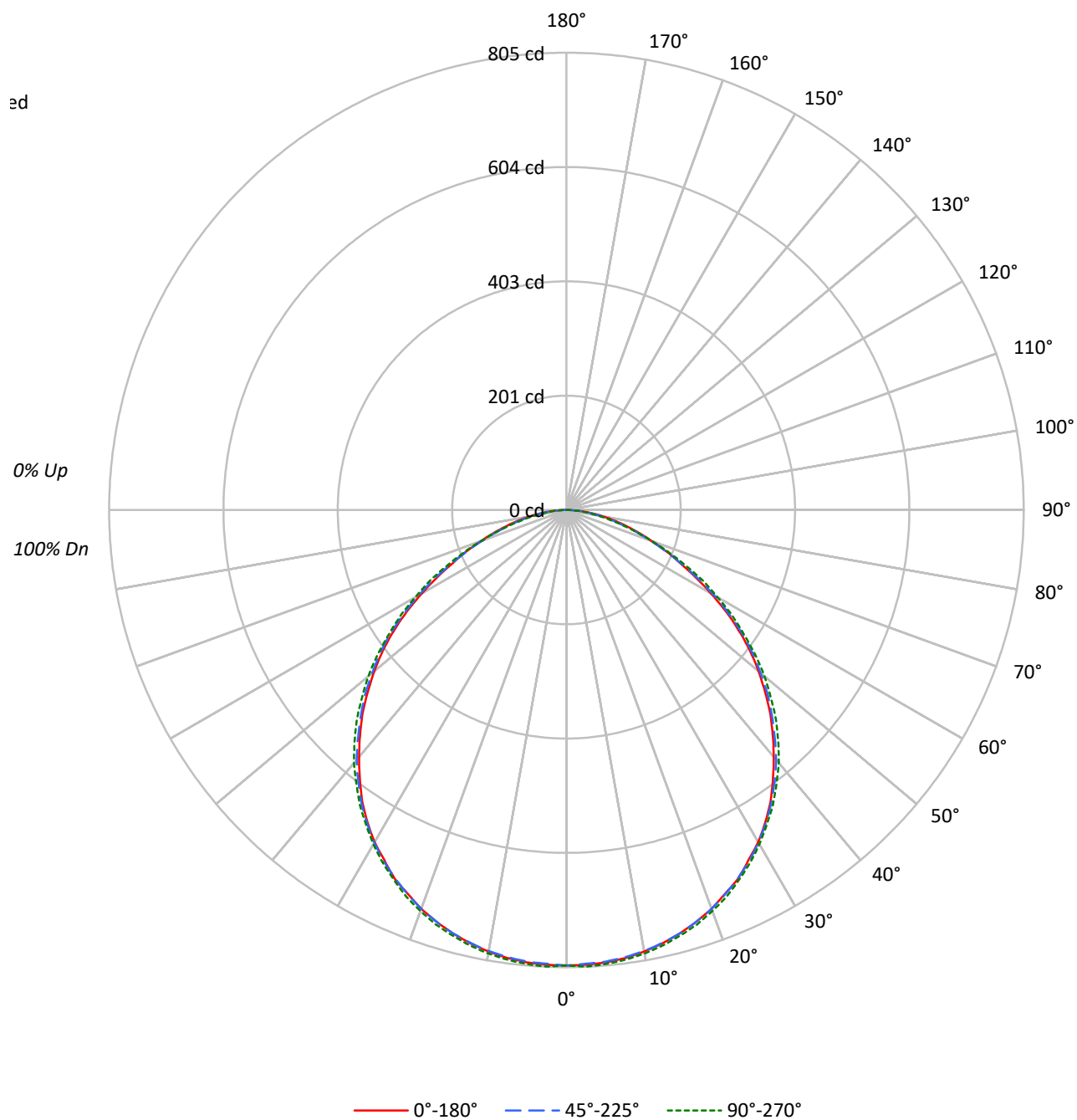
Lumens per Lamp: N/A
Luminaire Lumens: 2113.8 lumens
Efficiency: N/A
Efficacy: 88.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	109	105	101	97	107	103	99	96		98	95	93		94	92	90		91	89	87
2	100	92	86	80	97	90	84	79		87	82	77		83	79	75		80	77	74
3	91	81	73	67	89	80	72	66		77	70	65		74	69	64		71	67	63
4	84	72	64	57	82	71	63	57		68	61	56		66	60	55		64	59	55
5	77	65	56	49	75	64	55	49		61	54	49		60	53	48		58	52	48
6	71	58	50	43	69	57	49	43		56	48	43		54	47	42		52	47	42
7	66	53	44	38	65	52	44	38		51	43	38		49	43	38		48	42	37
8	62	48	40	34	60	48	40	34		46	39	34		45	39	34		44	38	34
9	58	44	36	31	56	44	36	31		43	36	31		42	35	30		41	35	30
10	54	41	33	28	53	41	33	28		40	33	28		39	32	28		38	32	28

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2158	2158	2158
5°	2160	2156	2167
10°	2157	2155	2167
15°	2150	2150	2160
20°	2140	2140	2152
25°	2125	2122	2134
30°	2098	2101	2111
35°	2058	2066	2083
40°	1994	2017	2043
45°	1932	1948	1986
50°	1847	1867	1904
55°	1740	1768	1788
60°	1578	1612	1652
65°	1401	1417	1474
70°	1253	1227	1258
75°	1130	1066	1044
80°	1027	953	846
85°	871	790	679

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 1986 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.1	3.6
10°-20°	218.2	10.3
20°-30°	330.0	15.6
30°-40°	393.4	18.6
40°-50°	395.5	18.7
50°-60°	335.7	15.9
60°-70°	223.5	10.6
70°-80°	111.6	5.3
80°-90°	29.9	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°	624.2	29.5
0°-40°	1017.6	48.1
0°-60°	1748.8	82.7
0°-90°	2113.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2113.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	802	802	802	802	802	
5°	800	800	798	802	802	76
15°	772	773	772	775	776	218
25°	716	716	715	718	719	329
35°	627	627	629	633	634	391
45°	508	509	512	519	522	391
55°	371	373	377	380	381	330
65°	220	222	222	226	232	221
75°	109	107	102	100	100	117
85°	28	28	26	24	22	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	801.9	801.9	801.9	801.9	801.9
2.5°	801.3	801.9	799.7	803.6	804.6
5°	799.5	799.7	798.0	801.6	802.4
7.5°	795.6	796.0	794.1	798.0	798.6
10°	789.4	790.0	788.5	792.1	792.9
12.5°	781.4	782.3	780.7	784.6	785.3
15°	771.9	772.8	771.6	774.8	775.5
17.5°	760.2	760.9	760.2	763.3	765.0
20°	747.2	747.2	747.2	749.9	751.4
22.5°	730.9	732.4	731.7	735.3	736.8
25°	715.8	715.8	714.8	718.1	718.7
27.5°	694.6	697.0	696.8	699.7	700.3
30°	675.3	675.9	676.2	678.3	679.5
32.5°	651.8	652.4	653.4	656.3	656.6
35°	626.6	627.2	629.0	633.4	634.0
37.5°	597.2	600.5	602.0	606.7	607.3
40°	567.7	569.8	574.3	579.3	581.7
42.5°	537.7	540.1	542.8	549.6	551.8
45°	507.7	508.6	511.9	518.7	521.8
47.5°	474.5	477.2	480.1	486.0	487.9
50°	441.2	444.1	446.0	451.3	454.8
52.5°	407.6	410.3	412.4	415.6	419.2
55°	370.8	373.4	376.8	380.3	381.2
57.5°	333.4	336.3	338.4	342.2	346.1
60°	293.2	296.6	299.5	303.0	306.9
62.5°	255.9	257.3	260.3	266.2	271.8
65°	220.1	222.0	222.5	225.8	231.5
67.5°	190.4	190.4	187.7	188.9	195.2
70°	159.2	158.0	156.0	154.8	159.9
72.5°	134.0	132.5	128.0	126.0	128.7
75°	108.7	107.2	102.5	100.1	100.4
77.5°	87.3	85.0	81.1	77.0	76.1
80°	66.3	65.3	61.5	57.6	54.6
82.5°	47.0	44.9	42.8	40.4	38.0
85°	28.2	27.6	25.6	24.1	22.0
87.5°	11.6	11.6	11.0	10.4	9.8
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	13.9	15.5	14.2	15.8	16.1	14.0	15.6	14.4	15.9	16.2
	3H	15.3	16.7	15.6	17.0	17.4	15.4	16.8	15.7	17.1	17.5
	4H	15.8	17.1	16.2	17.5	17.8	15.8	17.1	16.2	17.5	17.9
	6H	16.1	17.4	16.6	17.8	18.1	16.1	17.3	16.5	17.7	18.1
	8H	16.3	17.5	16.7	17.9	18.3	16.1	17.3	16.6	17.7	18.1
	12H	16.4	17.5	16.8	17.9	18.3	16.2	17.3	16.6	17.7	18.1
4H	2H	14.4	15.7	14.8	16.1	16.4	14.5	15.8	14.9	16.2	16.6
	3H	16.0	17.1	16.4	17.5	17.9	16.0	17.1	16.4	17.5	17.9
	4H	16.6	17.6	17.0	18.0	18.4	16.6	17.6	17.0	18.0	18.4
	6H	17.1	18.0	17.5	18.4	18.9	16.9	17.8	17.4	18.3	18.7
	8H	17.3	18.1	17.7	18.5	19.0	17.1	17.9	17.5	18.3	18.8
	12H	17.4	18.1	17.9	18.6	19.1	17.1	17.9	17.6	18.4	18.8
8H	4H	16.8	17.6	17.3	18.1	18.5	16.8	17.6	17.2	18.0	18.5
	6H	17.4	18.1	17.9	18.6	19.1	17.3	17.9	17.7	18.4	18.9
	8H	17.6	18.3	18.2	18.8	19.3	17.4	18.0	17.9	18.5	19.0
	12H	17.8	18.4	18.3	18.9	19.4	17.6	18.1	18.1	18.6	19.2
12H	4H	16.8	17.5	17.3	18.0	18.5	16.8	17.5	17.3	18.0	18.5
	6H	17.4	18.1	18.0	18.5	19.1	17.3	17.9	17.8	18.4	18.9
	8H	17.7	18.3	18.2	18.8	19.3	17.5	18.1	18.0	18.5	19.1

(END OF REPORT)