Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1471661

Luminaire Tested: 14PTR-30S-PW1-L835-UNV-STD-B

Issue Date: 6/22/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1471661
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737743)
Test Lab:	INNOVATION CENTER
Issue Date:	6/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	14PTR-30S-PW1-L835-UNV-STD-B
Description:	3000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PW1 Lens Black Reces
	Frame
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2124.2 lumens
Efficiency:	N/A
Efficacy:	88.9 lumens/watt
Spacing Criteria (0/90/45):	1.26 / 1.24 / 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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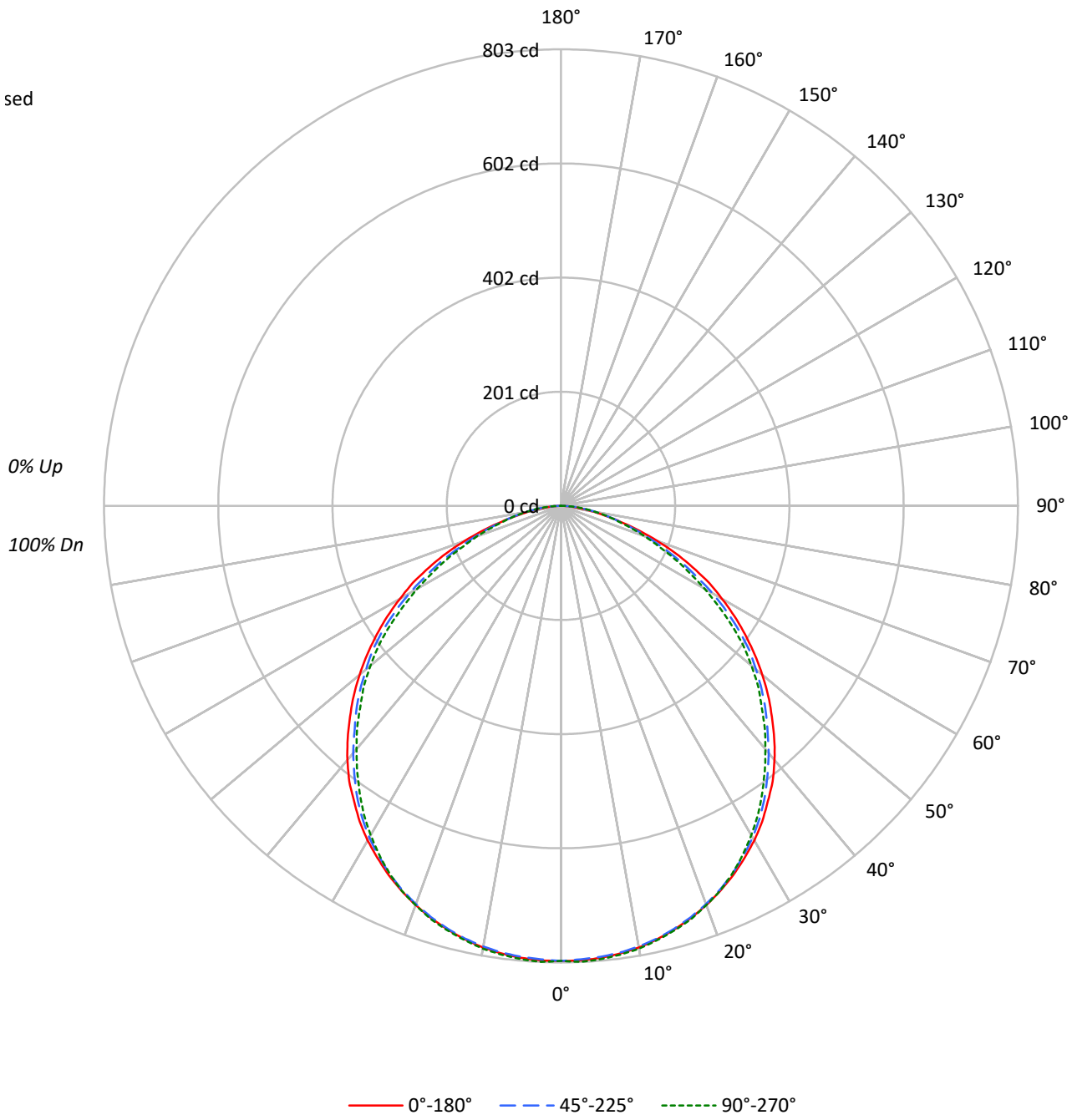
CATALOG NUMBER: 14PTR-30S-PW1-L835-UNV-STD-B

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2154	2154	2154
5°	2156	2151	2162
10°	2155	2150	2161
15°	2148	2145	2153
20°	2139	2135	2139
25°	2128	2119	2117
30°	2111	2093	2078
35°	2083	2052	2026
40°	2051	1995	1964
45°	1995	1936	1896
50°	1934	1871	1828
55°	1854	1791	1719
60°	1758	1654	1567
65°	1626	1477	1403
70°	1409	1286	1237
75°	1125	1100	1070
80°	855	955	955
85°	633	815	815

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1995 cd/sqm

TEST NUMBER: P1471661
CATALOG NUMBER: 14PTR-30S-PW1-L835-UNV-STD-B

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.9	3.6
10°-20°	217.7	10.2
20°-30°	329.1	15.5
30°-40°	390.7	18.4
40°-50°	393.6	18.5
50°-60°	340.3	16.0
60°-70°	232.5	10.9
70°-80°	114.7	5.4
80°-90°	29.7	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°	622.7	29.3
0°-40°	1013.4	47.7
0°-60°	1747.3	82.3
0°-90°	2124.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2124.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	800	800	800	800	800	
5°	798	798	796	800	800	76
15°	771	772	770	773	773	218
25°	717	716	714	714	713	330
35°	634	632	624	619	617	397
45°	524	518	509	503	498	404
55°	395	394	382	370	366	353
65°	255	246	232	222	220	252
75°	108	107	106	106	103	118
85°	20	24	26	27	26	25
90°	0	0	0	0	0	

TEST NUMBER: P1471661
CATALOG NUMBER: 14PTR-30S-PW1-L835-UNV-STD-B

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	800.4	800.4	800.4	800.4	*800.4*
2.5°	*800.2*	*800.4*	*798.4*	*801.9*	*802.8*
5°	798.1	798.4	796.3	799.6	*800.4*
7.5°	794.3	794.8	792.5	795.7	*796.3*
10°	788.6	788.9	786.9	790.1	*790.7*
12.5°	780.9	781.1	779.4	782.3	*782.3*
15°	771.1	772.0	769.9	772.6	*772.8*
17.5°	760.1	760.4	758.4	761.3	*762.0*
20°	747.1	747.1	745.4	747.7	*747.1*
22.5°	732.5	732.5	730.5	731.7	*732.2*
25°	716.6	715.9	713.6	714.2	*713.0*
27.5°	698.2	698.2	694.0	694.0	*691.9*
30°	679.5	678.0	673.6	670.9	*668.8*
32.5°	658.1	656.0	650.4	645.7	*644.2*
35°	634.1	632.0	624.5	618.9	*616.6*
37.5°	611.0	606.2	596.4	590.8	*588.1*
40°	583.9	578.0	568.0	560.2	*559.0*
42.5°	554.9	550.2	537.1	531.4	*530.0*
45°	524.1	518.4	508.6	502.7	*498.2*
47.5°	493.8	489.6	478.4	471.3	*469.8*
50°	462.0	458.5	446.9	439.3	*436.6*
52.5°	429.2	426.8	417.0	407.2	*403.9*
55°	395.1	393.9	381.7	370.4	*366.5*
57.5°	361.6	360.1	344.9	331.8	*328.3*
60°	326.6	322.1	307.3	295.1	*291.2*
62.5°	293.4	283.9	267.8	258.3	*253.9*
65°	255.3	246.2	231.9	221.8	*220.4*
67.5°	218.0	207.0	196.0	189.8	*185.0*
70°	179.1	171.7	163.4	158.1	*157.2*
72.5°	142.9	137.6	133.4	130.2	*127.5*
75°	108.2	107.3	105.8	105.8	*102.9*
77.5°	79.5	81.6	82.8	82.4	*83.1*
80°	55.2	59.3	61.6	62.0	*61.6*
82.5°	35.0	39.8	43.6	44.2	*44.8*
85°	20.5	24.0	26.4	26.9	*26.4*
87.5°	9.2	11.5	12.2	12.7	*12.2*
90°	0.0	0.0	0.0	0.0	*0.0*

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CATALOG NUMBER: 14PTR-30S-PW1-L835-UNV-STD-B

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	14.4	16.0	14.7	16.3	16.6	13.8	15.4	14.1	15.7	16.0
	3H	15.8	17.3	16.2	17.6	17.9	15.1	16.6	15.5	16.9	17.3
	4H	16.3	17.6	16.7	18.0	18.3	15.6	17.0	16.0	17.3	17.7
	6H	16.5	17.8	16.9	18.1	18.5	16.0	17.2	16.4	17.6	18.0
	8H	16.6	17.8	17.0	18.2	18.6	16.1	17.3	16.5	17.7	18.1
	12H	16.6	17.7	17.0	18.1	18.6	16.2	17.3	16.6	17.7	18.1
4H	2H	14.8	16.2	15.2	16.5	16.9	14.3	15.7	14.7	16.0	16.4
	3H	16.5	17.6	16.9	18.0	18.4	15.9	17.0	16.3	17.4	17.8
	4H	17.0	18.0	17.4	18.4	18.9	16.5	17.5	16.9	17.9	18.4
	6H	17.4	18.3	17.8	18.7	19.2	17.0	17.9	17.4	18.3	18.8
	8H	17.5	18.3	17.9	18.7	19.2	17.1	18.0	17.6	18.4	18.9
	12H	17.5	18.3	18.0	18.7	19.2	17.2	18.0	17.7	18.5	18.9
8H	4H	17.2	18.0	17.7	18.5	18.9	16.7	17.6	17.2	18.0	18.5
	6H	17.7	18.3	18.1	18.8	19.3	17.3	18.0	17.8	18.5	19.0
	8H	17.8	18.4	18.3	18.9	19.4	17.5	18.1	18.0	18.7	19.1
	12H	17.9	18.4	18.4	18.9	19.5	17.7	18.3	18.2	18.7	19.3
12H	4H	17.2	18.0	17.7	18.4	18.9	16.8	17.5	17.2	18.0	18.4
	6H	17.7	18.3	18.2	18.8	19.3	17.4	18.0	17.9	18.4	19.0
	8H	17.9	18.4	18.4	18.9	19.5	17.6	18.2	18.1	18.7	19.2

(END OF REPORT)