

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: IRiS

Report Number: P1274585

Luminaire Tested: P3AS17R709830DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274585
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709830DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

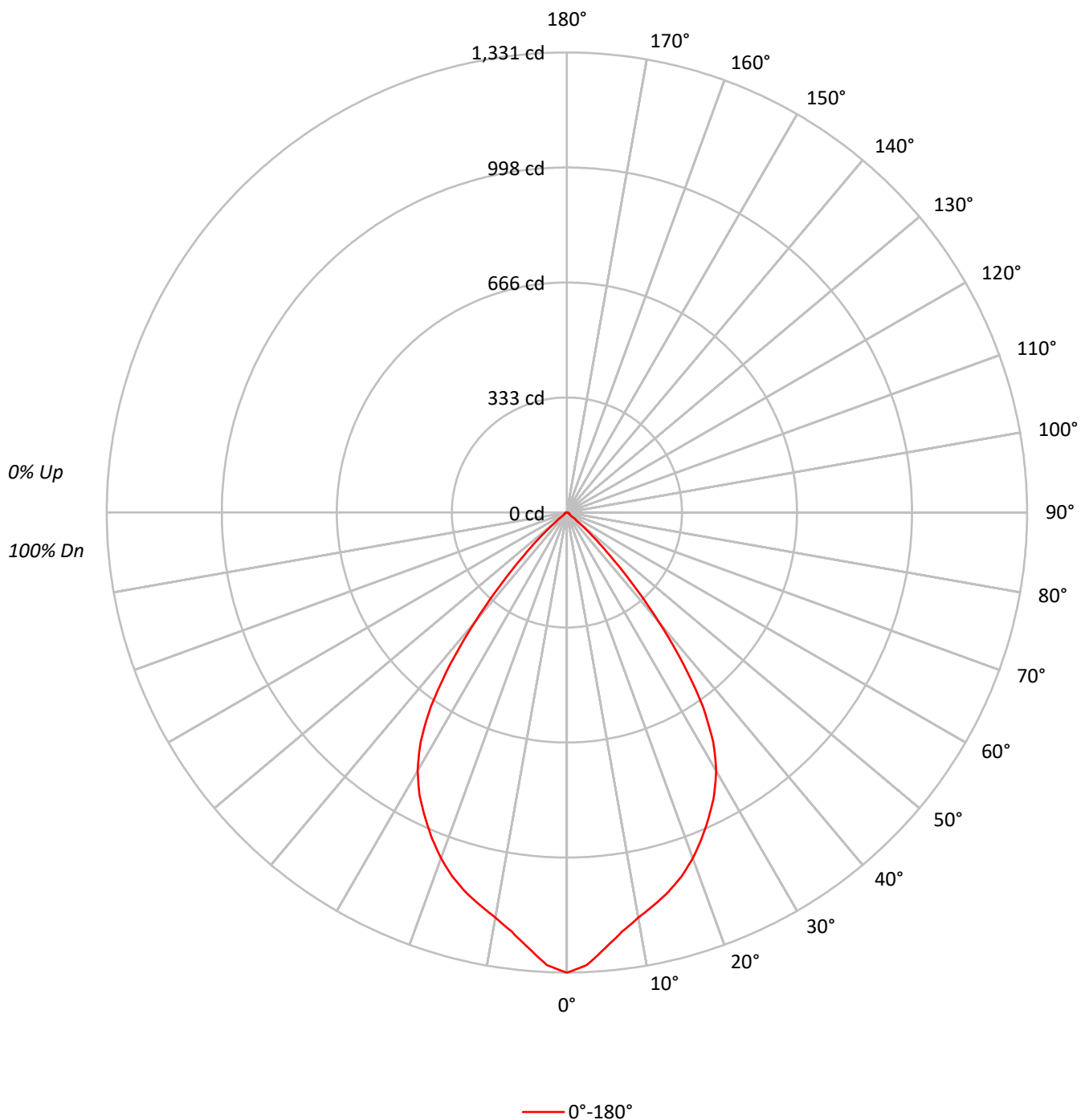
Lumens per Lamp: N/A
Luminaire Lumens: 1470.0 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
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				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	97	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	95	87	81	77	94	86	81	76	84	79	75		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	64	59	68	63	59		67	62	59		66
8	76	66	59	55	75	65	59	55	64	58	55		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	50		58
10	68	58	52	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	291906
5°	278538
10°	265014
15°	257913
20°	248405
25°	235102
30°	218667
35°	183690
40°	118393
45°	55013
50°	14430
55°	3594
60°	3596
65°	3061
70°	3013
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55013 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.5	8.1
10°-20°	319.2	21.7
20°-30°	446.0	30.3
30°-40°	413.6	28.1
40°-50°	148.3	10.1
50°-60°	12.6	0.9
60°-70°	6.2	0.4
70°-80°	4.0	0.3
80°-90°	1.6	0.1
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°	883.7	60.1
0°-40°	1297.3	88.3
0°-60°	1458.1	99.2
0°-90°	1470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1470.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1331	
5°	1265	118
15°	1136	319
25°	972	446
35°	686	414
45°	177	148
55°	9	13
65°	6	6
75°	4	4
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1331.2
2.5°	1311.2
5°	1265.4
7.5°	1223.1
10°	1190.2
12.5°	1163.2
15°	1136.1
17.5°	1103.2
20°	1064.5
22.5°	1019.8
25°	971.7
27.5°	922.3
30°	863.6
32.5°	788.4
35°	686.2
37.5°	555.7
40°	413.6
42.5°	282.0
45°	177.4
47.5°	98.7
50°	42.3
52.5°	14.1
55°	9.4
57.5°	8.2
60°	8.2
62.5°	7.0
65°	5.9
67.5°	5.9
70°	4.7
72.5°	4.7
75°	3.5
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)