

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: P1286196

Luminaire Tested: P3AS02R509030D2WDE010 E3CB1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286196
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509030D2WDE010 E3CB1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3CB1MB
TRIM
Light Source: -
Ballast/Driver: -

Summary

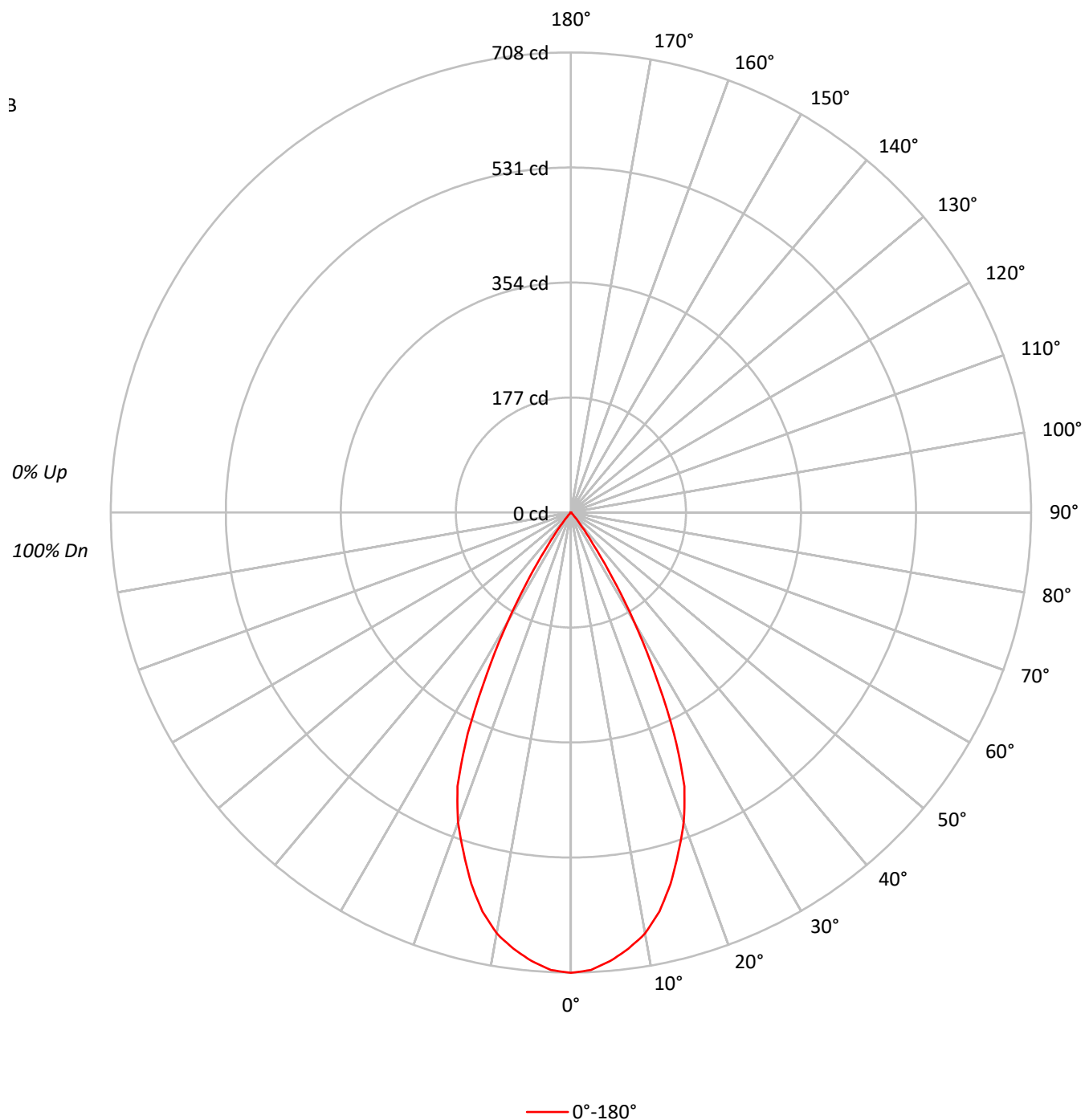
Lumens per Lamp: N/A
Luminaire Lumens: 446.0 lumens
Efficiency: N/A
Efficacy: 61.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	109	107		112	109	107	106		105	104	102		102	101	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	93	91
3	105	99	95	91		103	98	94	90		95	92	89		93	90	88		91	88	86
4	100	94	89	85		99	92	88	85		90	87	84		88	85	83		87	84	82
5	96	89	84	80		94	88	83	79		86	82	79		84	81	78		83	80	77
6	92	84	79	75		91	83	79	75		82	78	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70
8	85	76	71	67		83	76	71	67		75	70	67		74	70	67		73	69	66
9	81	73	68	64		80	72	67	64		71	67	64		71	66	63		70	66	63
10	78	69	64	61		77	69	64	61		68	64	61		68	63	61		67	63	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155338
5°	152542
10°	146468
15°	134325
20°	118450
25°	90779
30°	49349
35°	15874
40°	3721
45°	496
50°	443
55°	497
60°	439
65°	519
70°	449
75°	593
80°	379
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 85°

Luminance: 755 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	14.6
10°-20°	164.5	36.9
20°-30°	164.7	36.9
30°-40°	46.3	10.4
40°-50°	2.8	0.6
50°-60°	1.1	0.2
60°-70°	0.9	0.2
70°-80°	0.6	0.1
80°-90°	0.2	0.0
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°	394.2	88.4
0°-40°	440.5	98.8
0°-60°	444.4	99.6
0°-90°	446.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	446.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	708	
5°	693	65
15°	592	164
25°	375	165
35°	59	46
45°	2	3
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	708.4
2.5°	704.8
5°	693.0
7.5°	677.1
10°	657.8
12.5°	628.8
15°	591.7
17.5°	549.0
20°	507.6
22.5°	456.0
25°	375.2
27.5°	279.4
30°	194.9
32.5°	117.7
35°	59.3
37.5°	28.0
40°	13.0
42.5°	4.9
45°	1.6
47.5°	1.3
50°	1.3
52.5°	1.3
55°	1.3
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	0.7
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)