

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: P1286027

Luminaire Tested: P3AS02R209030D2WDE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286027
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209030D2WDE010 E3CD1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3CD1MI TRIM
Light Source: -
Ballast/Driver: -

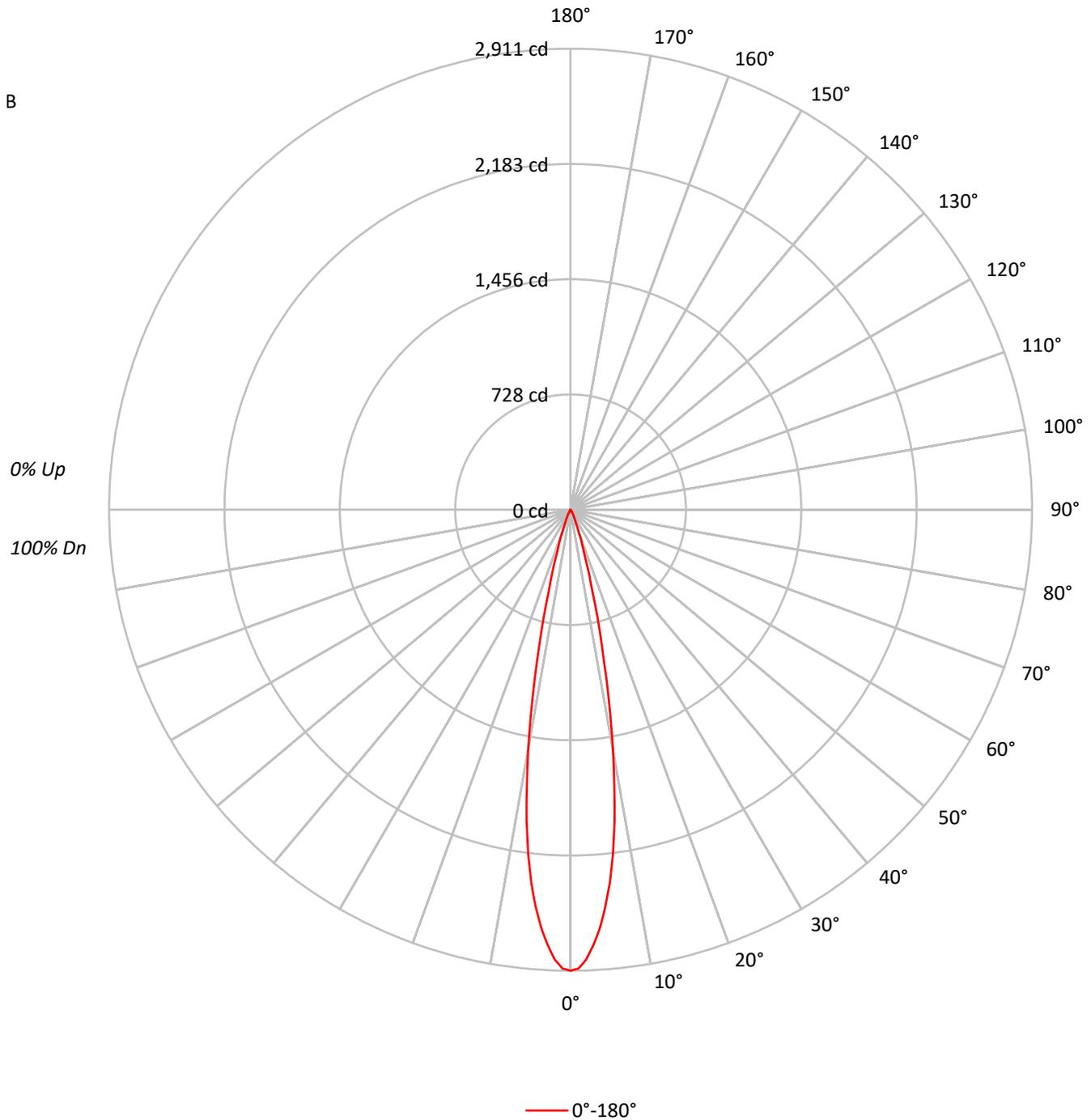
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 411.1 lumens
Efficiency: N/A
Efficacy: 57.1 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
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			0	
RW	70	50	30	10	70	50	30	10	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	100	99	98
1	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98	97	96	95
2	112	109	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	96	95	94	93
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	94	93	92	91
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	91	90	89	88
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	90	89	88	86
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	88	87	86	85
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	86	85	84	83
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	84	83	82	81
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	83	82	81	80
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	86	84	82	81	80	79	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	638326
5°	554038
10°	342345
15°	118911
20°	36520
25°	12920
30°	4786
35°	1927
40°	1031
45°	403
50°	239
55°	268
60°	307
65°	156
70°	192
75°	254
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 403 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.9	50.8
10°-20°	165.8	40.3
20°-30°	28.7	7.0
30°-40°	5.2	1.3
40°-50°	1.2	0.3
50°-60°	0.6	0.2
60°-70°	0.3	0.1
70°-80°	0.3	0.1
80°-90°	0.0	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°	403.4	98.1
0°-40°	408.6	99.4
0°-60°	410.4	99.8
0°-90°	411.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2911	
5°	2517	209
15°	524	166
25°	53	29
35°	7	5
45°	1	1
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2911.0
1°	2897.0
2°	2841.7
3°	2752.9
4°	2648.8
5°	2517.0
6°	2366.1
7°	2190.4
8°	1990.3
9°	1765.5
10°	1537.5
12.5°	969.8
15°	523.8
17.5°	279.8
20°	156.5
22.5°	89.5
25°	53.4
27.5°	32.5
30°	18.9
32.5°	11.1
35°	7.2
37.5°	4.9
40°	3.6
42.5°	2.3
45°	1.3
47.5°	0.7
50°	0.7
52.5°	0.7
55°	0.7
57.5°	0.7
60°	0.7
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)