

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: P1255421

Luminaire Tested: P3AS20R359035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255421
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

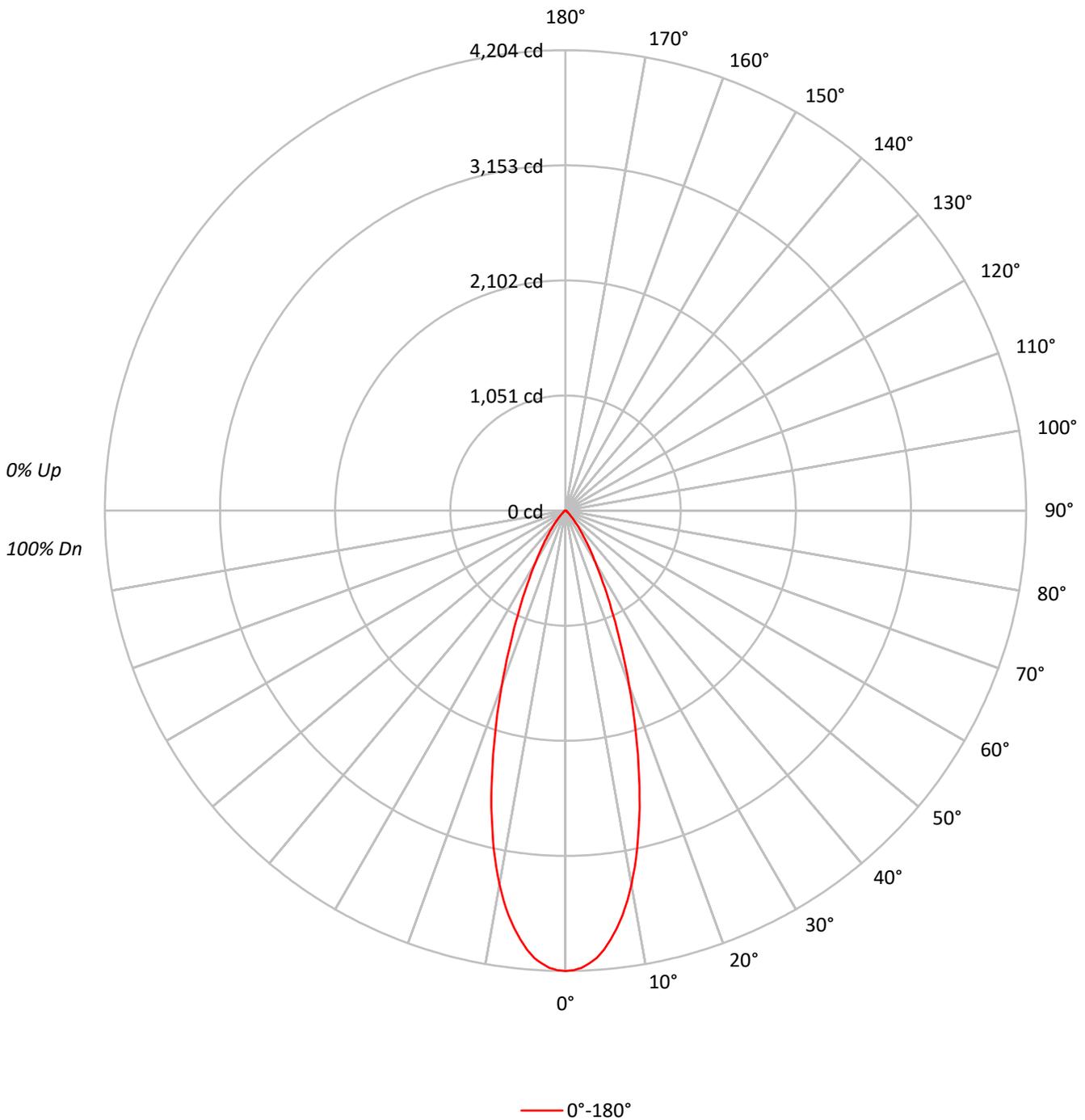
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1828.0 lumens
Efficiency: N/A
Efficacy: 63.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	100	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	67	67	67	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	921966
5°	886064
10°	772019
15°	591331
20°	395628
25°	239385
30°	137363
35°	76801
40°	40819
45°	21025
50°	10098
55°	7990
60°	7631
65°	6330
70°	6668
75°	5931
80°	6566
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21025 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.3	20.0
10°-20°	709.8	38.8
20°-30°	464.7	25.4
30°-40°	188.5	10.3
40°-50°	56.6	3.1
50°-60°	19.2	1.1
60°-70°	12.9	0.7
70°-80°	7.6	0.4
80°-90°	2.6	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°	1540.7	84.3
0°-40°	1729.2	94.6
0°-60°	1804.9	98.7
0°-90°	1828.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1828.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4204	
5°	4025	366
15°	2605	710
25°	989	465
35°	287	188
45°	68	57
55°	21	19
65°	12	13
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4204.5
1°	4197.5
2°	4178.4
3°	4140.2
4°	4094.9
5°	4025.4
6°	3938.5
7°	3841.1
8°	3731.5
9°	3606.3
10°	3467.2
11°	3312.5
12°	3150.8
13°	2969.9
14°	2797.8
15°	2604.8
17.5°	2137.0
20°	1695.4
22.5°	1304.1
25°	989.4
27.5°	737.3
30°	542.5
32.5°	398.2
35°	286.9
37.5°	203.4
40°	142.6
42.5°	99.1
45°	67.8
47.5°	45.2
50°	29.6
52.5°	22.6
55°	20.9
57.5°	19.1
60°	17.4
62.5°	15.6
65°	12.2
67.5°	10.4
70°	10.4
72.5°	8.7
75°	7.0
77.5°	5.2
80°	5.2
82.5°	3.5
85°	1.7
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)