

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: P1276463

Luminaire Tested: P3AS17R359835DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276463
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: P3AS17R359835DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

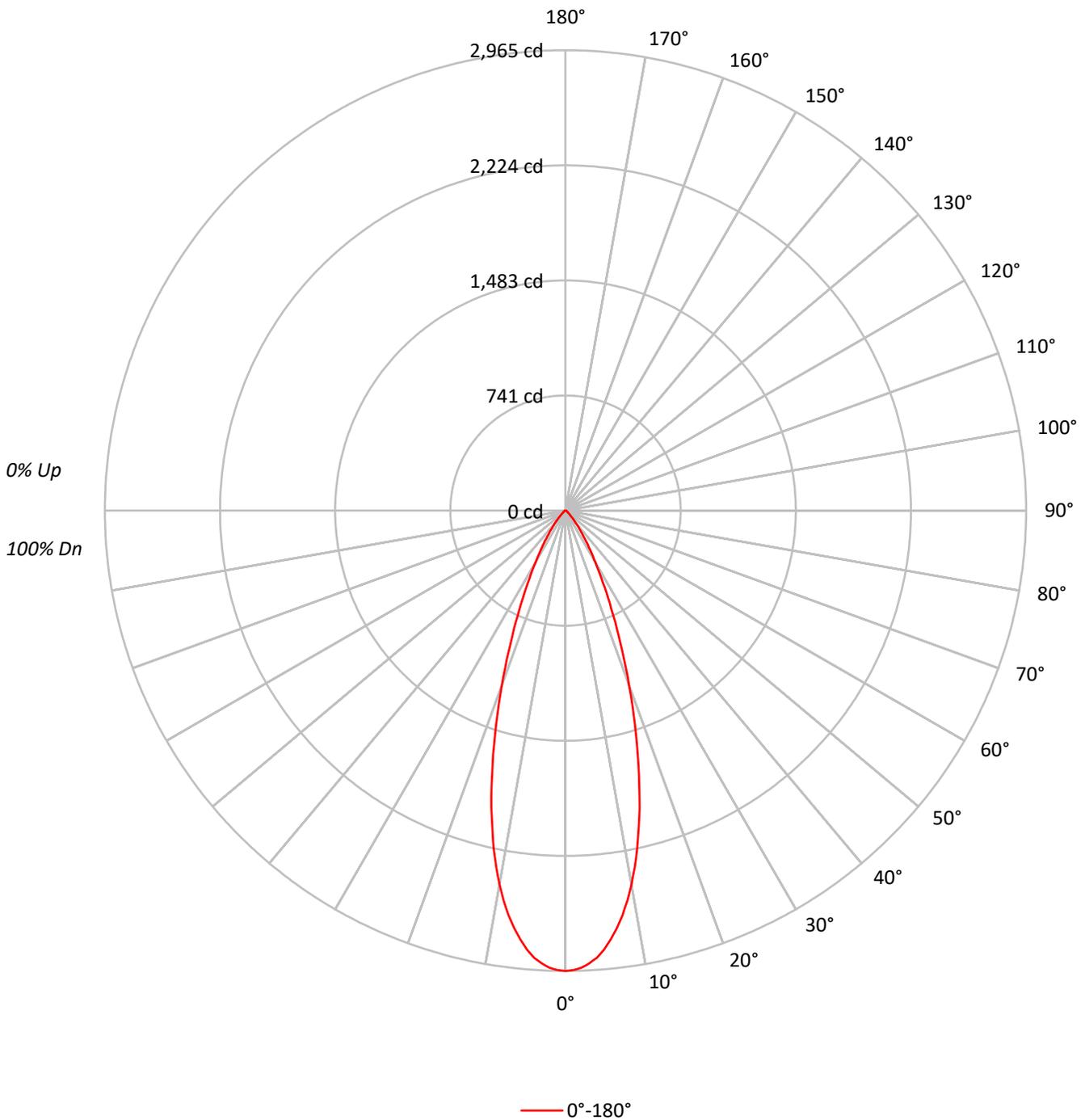
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1289.0 lumens
Efficiency: N/A
Efficacy: 63.2 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): 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			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	66	66	66	66
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°	650123
5°	624806
10°	544390
15°	416960
20°	278974
25°	168808
30°	96876
35°	54154
40°	28768
45°	14823
50°	7096
55°	5620
60°	5394
65°	4462
70°	4744
75°	4151
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14823 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	258.3	20.0
10°-20°	500.5	38.8
20°-30°	327.7	25.4
30°-40°	132.9	10.3
40°-50°	39.9	3.1
50°-60°	13.5	1.1
60°-70°	9.1	0.7
70°-80°	5.3	0.4
80°-90°	1.8	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°	1086.4	84.3
0°-40°	1219.3	94.6
0°-60°	1272.7	98.7
0°-90°	1289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1289.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2965	
5°	2838	258
15°	1837	500
25°	698	328
35°	202	133
45°	48	40
55°	15	14
65°	9	9
75°	5	5
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2964.8
1°	2959.9
2°	2946.4
3°	2919.4
4°	2887.5
5°	2838.5
6°	2777.2
7°	2708.5
8°	2631.3
9°	2543.0
10°	2444.9
11°	2335.8
12°	2221.7
13°	2094.2
14°	1972.8
15°	1836.7
17.5°	1506.9
20°	1195.5
22.5°	919.6
25°	697.7
27.5°	519.9
30°	382.6
32.5°	280.8
35°	202.3
37.5°	143.5
40°	100.5
42.5°	69.9
45°	47.8
47.5°	31.9
50°	20.8
52.5°	15.9
55°	14.7
57.5°	13.5
60°	12.3
62.5°	11.0
65°	8.6
67.5°	7.4
70°	7.4
72.5°	6.1
75°	4.9
77.5°	3.7
80°	3.7
82.5°	2.5
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)