

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: P1263607

Luminaire Tested: P3A20R659727D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263607
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R659727D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

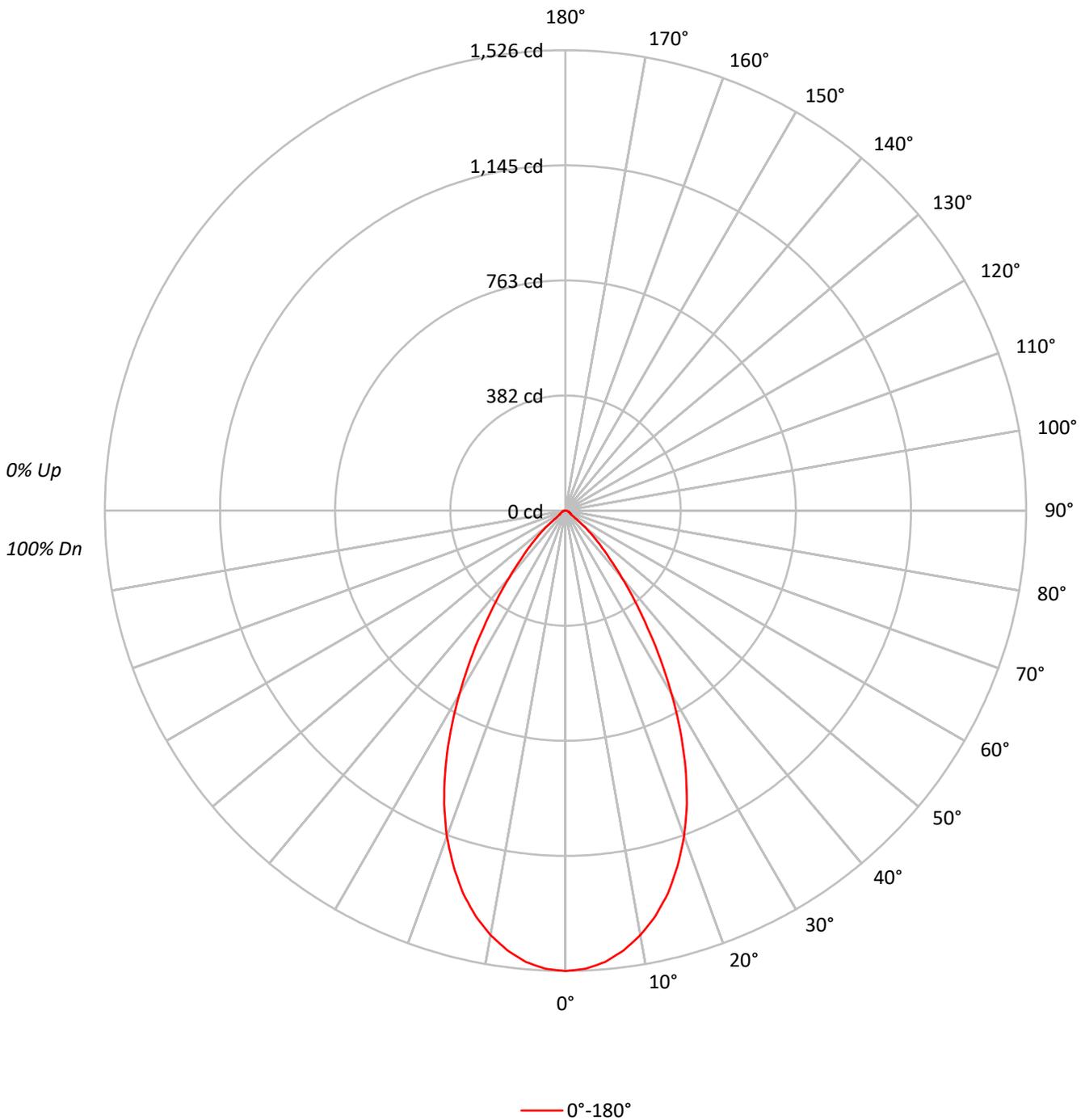
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1419.0 lumens
Efficiency: N/A
Efficacy: 49.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63		
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58		
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	334644
5°	330618
10°	318075
15°	297959
20°	268007
25°	227553
30°	177977
35°	126833
40°	82984
45°	51323
50°	26063
55°	9175
60°	8070
65°	8094
70°	7245
75°	7202
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 51323 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.0	9.9
10°-20°	365.3	25.7
20°-30°	426.9	30.1
30°-40°	298.3	21.0
40°-50°	131.3	9.3
50°-60°	29.2	2.1
60°-70°	14.9	1.0
70°-80°	9.0	0.6
80°-90°	3.1	0.2
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°	933.2	65.8
0°-40°	1231.5	86.8
0°-60°	1392.1	98.1
0°-90°	1419.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1419.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1526	
5°	1502	141
15°	1312	365
25°	940	427
35°	474	298
45°	166	131
55°	24	29
65°	16	15
75°	8	9
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1526.1
2.5°	1520.4
5°	1502.0
7.5°	1470.9
10°	1428.5
12.5°	1376.2
15°	1312.5
17.5°	1234.7
20°	1148.5
22.5°	1050.9
25°	940.5
27.5°	824.6
30°	702.9
32.5°	585.5
35°	473.8
37.5°	376.2
40°	289.9
42.5°	219.2
45°	165.5
47.5°	121.6
50°	76.4
52.5°	39.6
55°	24.0
57.5°	21.2
60°	18.4
62.5°	17.0
65°	15.6
67.5°	12.7
70°	11.3
72.5°	9.9
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)