

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: P1276865

Luminaire Tested: P3AS20R459835D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276865
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R459835D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

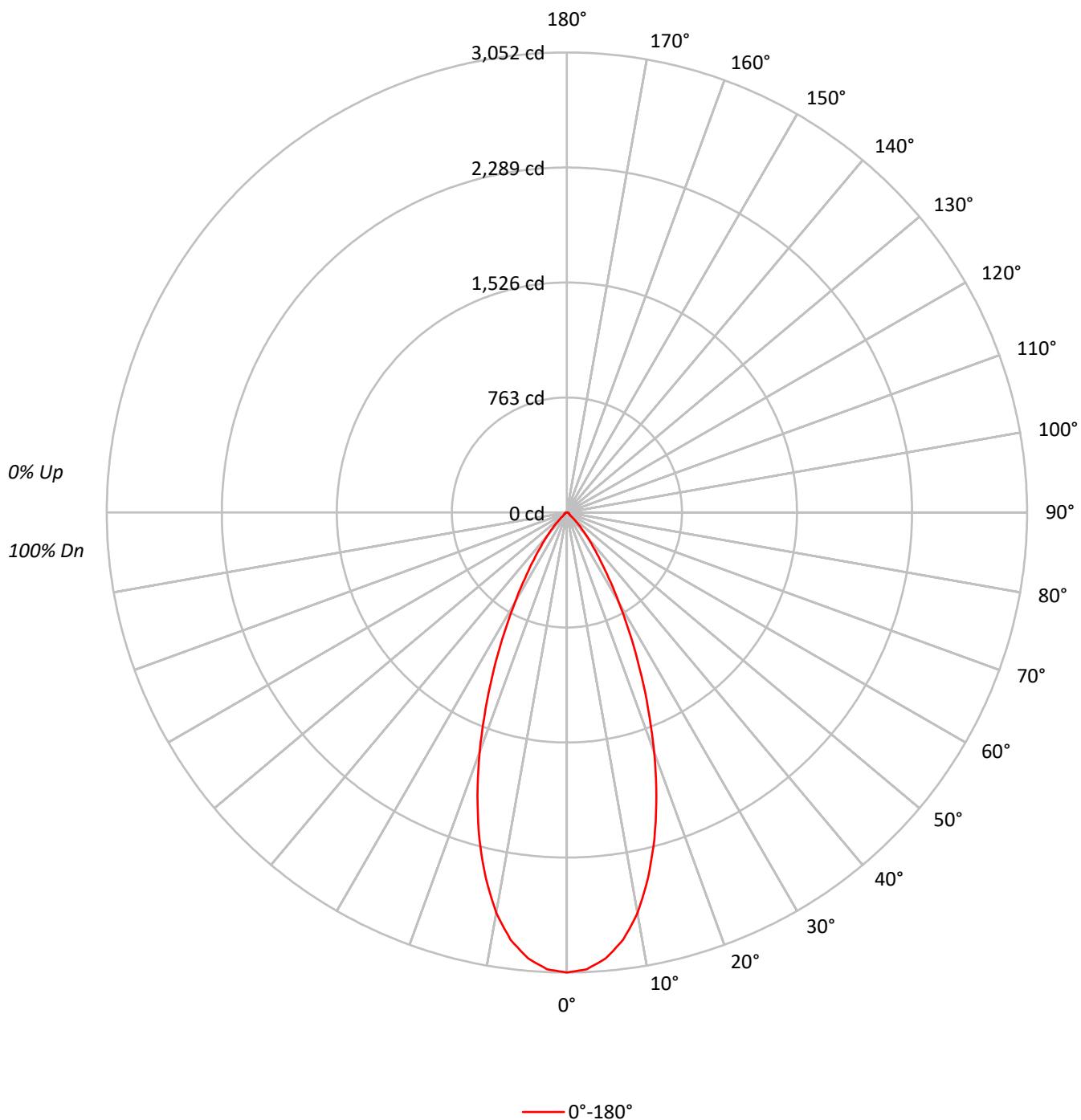
Lumens per Lamp: N/A
Luminaire Lumens: 1782.0 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93	91	90	88
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89	86	84	83
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81	78	75	74
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77	74	71	70
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74	70	67	66
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70	67	64	62
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67	63	61	59
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	669201
5°	653509
10°	600746
15°	509015
20°	394928
25°	276064
30°	173925
35°	102392
40°	57937
45°	28158
50°	9791
55°	7914
60°	7675
65°	7420
70°	7181
75°	6778
80°	6061
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 28158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	274.8	15.4
10°-20°	615.7	34.6
20°-30°	522.9	29.3
30°-40°	249.4	14.0
40°-50°	75.1	4.2
50°-60°	19.0	1.1
60°-70°	14.2	0.8
70°-80°	8.4	0.5
80°-90°	2.4	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°	1413.4	79.3
0°-40°	1662.8	93.3
0°-60°	1757.0	98.6
0°-90°	1782.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1782.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3052	
5°	2969	275
15°	2242	616
25°	1141	523
35°	382	249
45°	91	75
55°	21	19
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3051.8
2.5°	3032.7
5°	2968.9
7.5°	2859.0
10°	2698.0
12.5°	2484.5
15°	2242.2
17.5°	1972.9
20°	1692.4
22.5°	1407.2
25°	1141.0
27.5°	898.8
30°	686.9
32.5°	516.3
35°	382.5
37.5°	282.1
40°	202.4
42.5°	140.2
45°	90.8
47.5°	51.0
50°	28.7
52.5°	22.3
55°	20.7
57.5°	19.1
60°	17.5
62.5°	15.9
65°	14.3
67.5°	12.7
70°	11.2
72.5°	9.6
75°	8.0
77.5°	6.4
80°	4.8
82.5°	3.2
85°	1.6
87.5°	1.6
90°	0.0

(END OF REPORT)