

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: P1272820

Luminaire Tested: P3AS20R609827D010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272820
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609827D010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

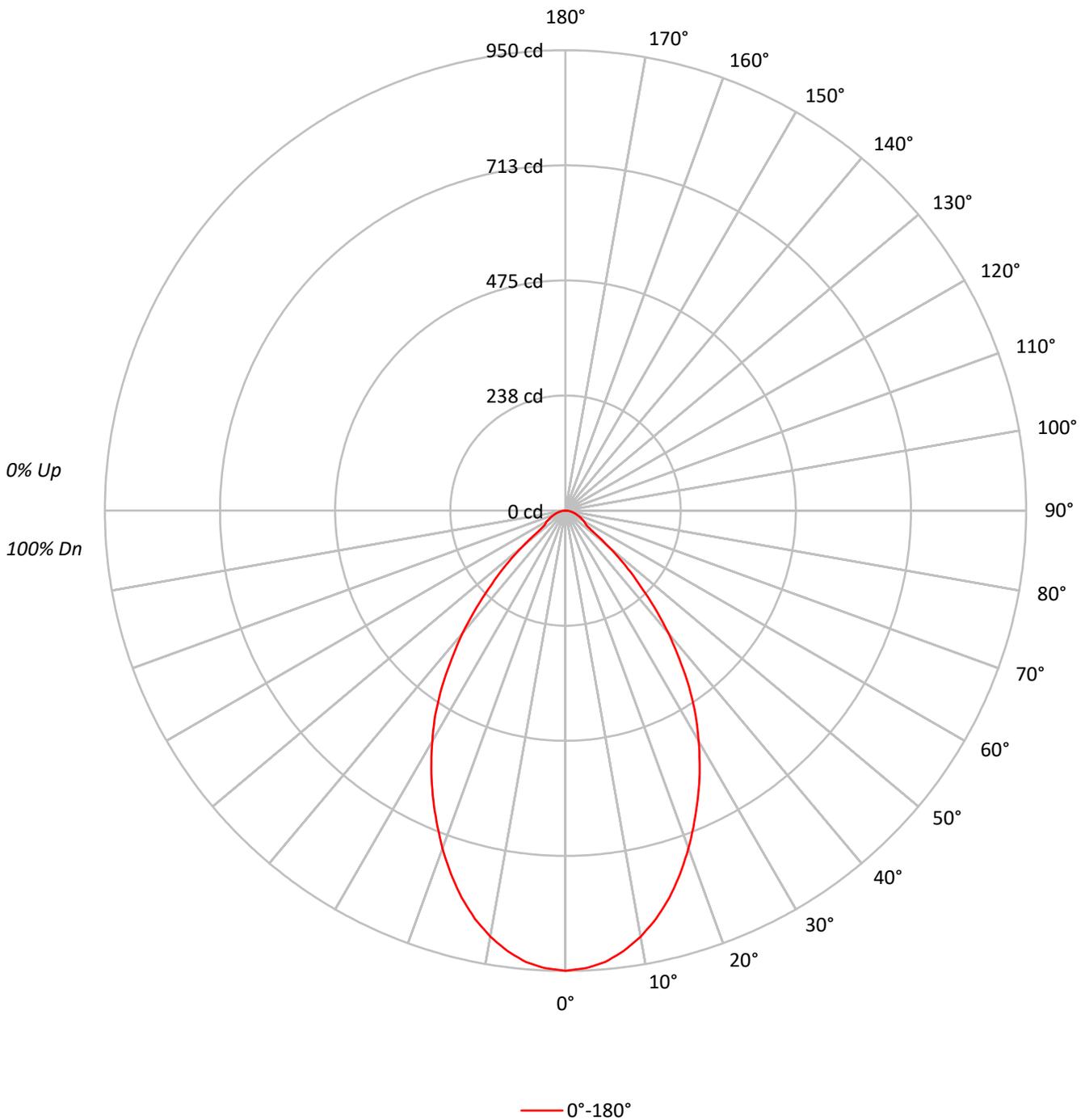
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1173.0 lumens
Efficiency: N/A
Efficacy: 42.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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				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
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91				91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82				82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74				74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67				67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61				61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47				47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44				44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41				41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	208229
5°	205877
10°	198749
15°	187765
20°	173078
25°	156735
30°	139135
35°	118909
40°	94549
45°	66674
50°	39811
55°	20147
60°	19341
65°	17745
70°	16413
75°	15674
80°	14396
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 66674 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	7.5
10°-20°	231.2	19.7
20°-30°	296.8	25.3
30°-40°	275.2	23.5
40°-50°	167.6	14.3
50°-60°	55.8	4.8
60°-70°	34.0	2.9
70°-80°	19.1	1.6
80°-90°	5.4	0.5
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°	615.9	52.5
0°-40°	891.1	76.0
0°-60°	1114.5	95.0
0°-90°	1173.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1173.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	950	
5°	935	88
15°	827	231
25°	648	297
35°	444	275
45°	215	168
55°	53	56
65°	34	34
75°	18	19
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	949.6
2.5°	945.3
5°	935.3
7.5°	916.8
10°	892.6
12.5°	862.7
15°	827.1
17.5°	785.9
20°	741.7
22.5°	694.7
25°	647.8
27.5°	599.4
30°	549.5
32.5°	499.7
35°	444.2
37.5°	385.8
40°	330.3
42.5°	271.9
45°	215.0
47.5°	166.6
50°	116.7
52.5°	69.8
55°	52.7
57.5°	48.4
60°	44.1
62.5°	38.4
65°	34.2
67.5°	29.9
70°	25.6
72.5°	21.4
75°	18.5
77.5°	14.2
80°	11.4
82.5°	7.1
85°	4.3
87.5°	2.8
90°	0.0

(END OF REPORT)