

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: P1260874

Luminaire Tested: P3AS20R609050D010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260874
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: P3AS20R609050D010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

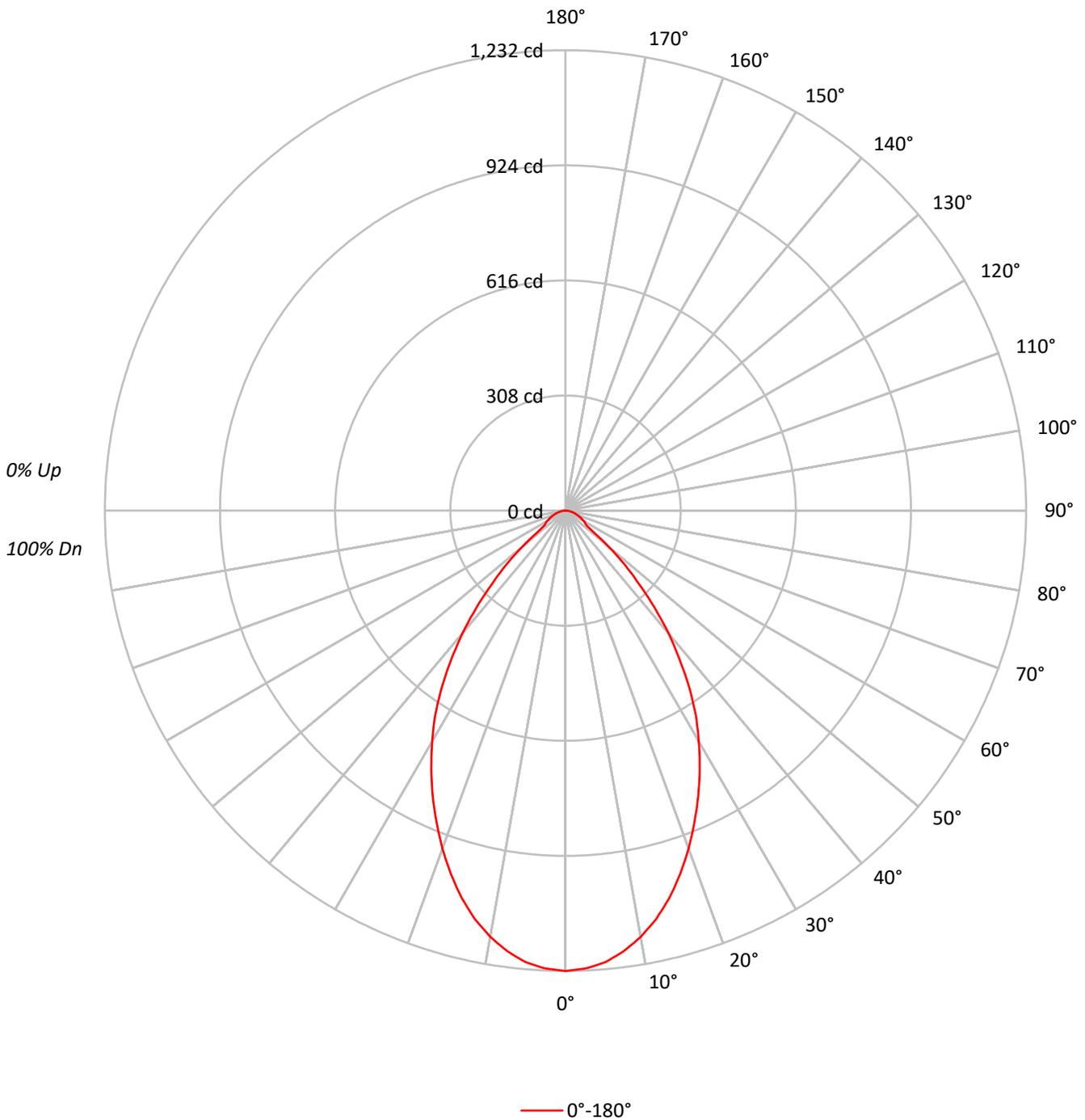
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1522.0 lumens
Efficiency: N/A
Efficacy: 52.8 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): 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				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°	270176
5°	267136
10°	257889
15°	243634
20°	224580
25°	203359
30°	180534
35°	154271
40°	122687
45°	86490
50°	51683
55°	26111
60°	25130
65°	22986
70°	21350
75°	20334
80°	18689
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 86490 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.0	7.5
10°-20°	299.9	19.7
20°-30°	385.1	25.3
30°-40°	357.1	23.5
40°-50°	217.4	14.3
50°-60°	72.4	4.8
60°-70°	44.1	2.9
70°-80°	24.9	1.6
80°-90°	7.0	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°	799.1	52.5
0°-40°	1156.2	76.0
0°-60°	1446.0	95.0
0°-90°	1522.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1522.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1232	
5°	1214	114
15°	1073	300
25°	840	385
35°	576	357
45°	279	217
55°	68	72
65°	44	44
75°	24	25
85°	6	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1232.1
2.5°	1226.6
5°	1213.6
7.5°	1189.6
10°	1158.2
12.5°	1119.4
15°	1073.2
17.5°	1019.7
20°	962.4
22.5°	901.5
25°	840.5
27.5°	777.7
30°	713.0
32.5°	648.4
35°	576.3
37.5°	500.6
40°	428.6
42.5°	352.8
45°	278.9
47.5°	216.1
50°	151.5
52.5°	90.5
55°	68.3
57.5°	62.8
60°	57.3
62.5°	49.9
65°	44.3
67.5°	38.8
70°	33.3
72.5°	27.7
75°	24.0
77.5°	18.5
80°	14.8
82.5°	9.2
85°	5.5
87.5°	3.7
90°	0.0

(END OF REPORT)