

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: P1258329

Luminaire Tested: P3AS20R709040D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258329
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709040D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

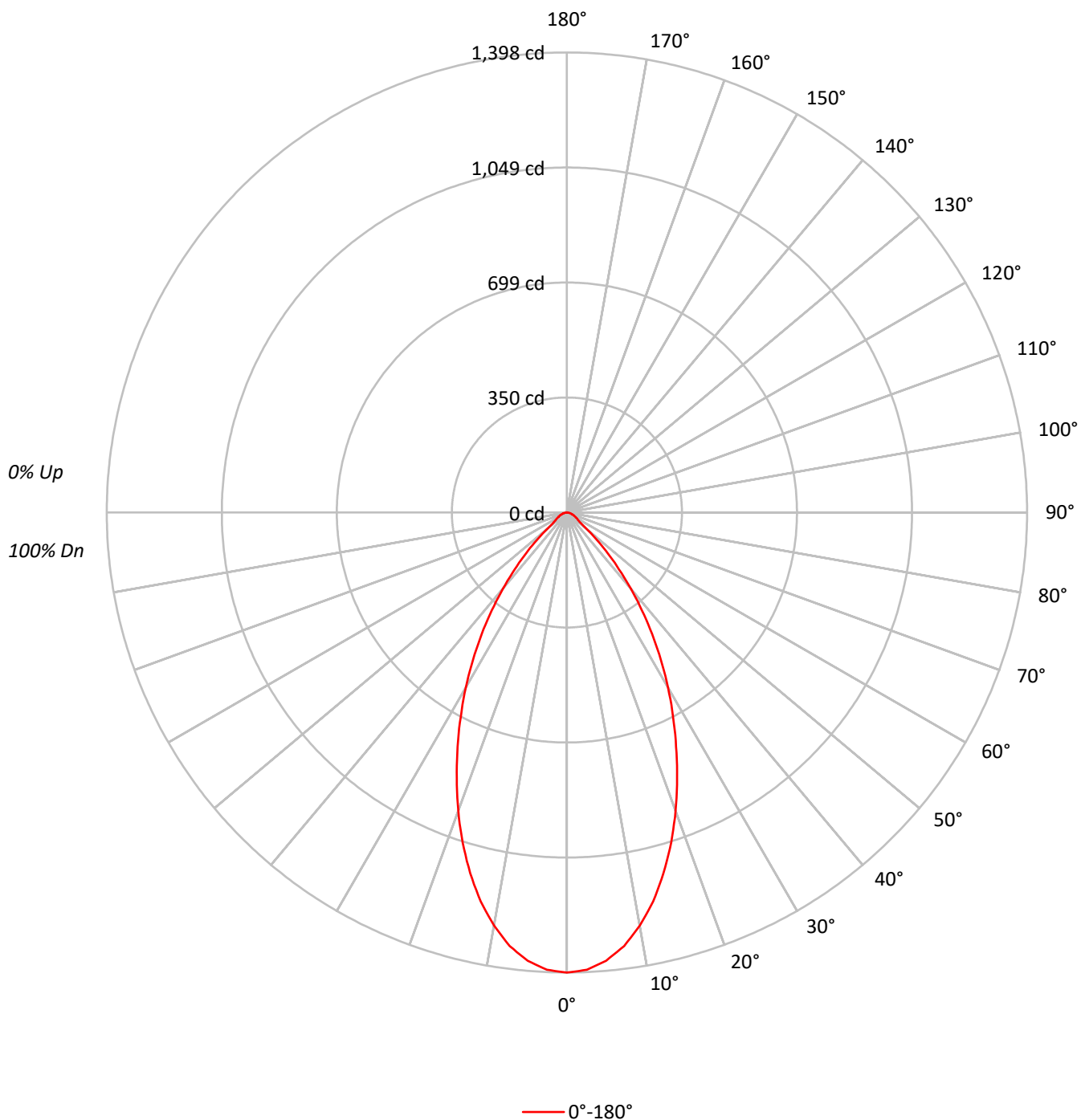
Lumens per Lamp: N/A
Luminaire Lumens: 1307.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	306576
5°	300946
10°	283762
15°	257550
20°	225280
25°	190027
30°	155594
35°	120702
40°	86390
45°	54703
50°	27291
55°	16668
60°	14341
65°	13231
70°	11669
75°	10760
80°	9218
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54703 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.6	9.8
10°-20°	315.7	24.2
20°-30°	359.5	27.5
30°-40°	281.1	21.5
40°-50°	138.1	10.6
50°-60°	42.5	3.2
60°-70°	25.2	1.9
70°-80°	13.4	1.0
80°-90°	4.0	0.3
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°	802.7	61.4
0°-40°	1083.9	82.9
0°-60°	1264.4	96.7
0°-90°	1307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1307.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1398	
5°	1367	128
15°	1134	316
25°	785	360
35°	451	281
45°	176	138
55°	44	42
65°	26	25
75°	13	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1398.1
2.5°	1390.8
5°	1367.2
7.5°	1329.0
10°	1274.4
12.5°	1210.8
15°	1134.5
17.5°	1052.6
20°	965.4
22.5°	874.5
25°	785.4
27.5°	698.1
30°	614.5
32.5°	530.9
35°	450.9
37.5°	374.5
40°	301.8
42.5°	234.5
45°	176.4
47.5°	123.6
50°	80.0
52.5°	52.7
55°	43.6
57.5°	38.2
60°	32.7
62.5°	29.1
65°	25.5
67.5°	21.8
70°	18.2
72.5°	14.5
75°	12.7
77.5°	10.9
80°	7.3
82.5°	5.5
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)