

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: P1261187

Luminaire Tested: P3AS24R559050D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559050D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

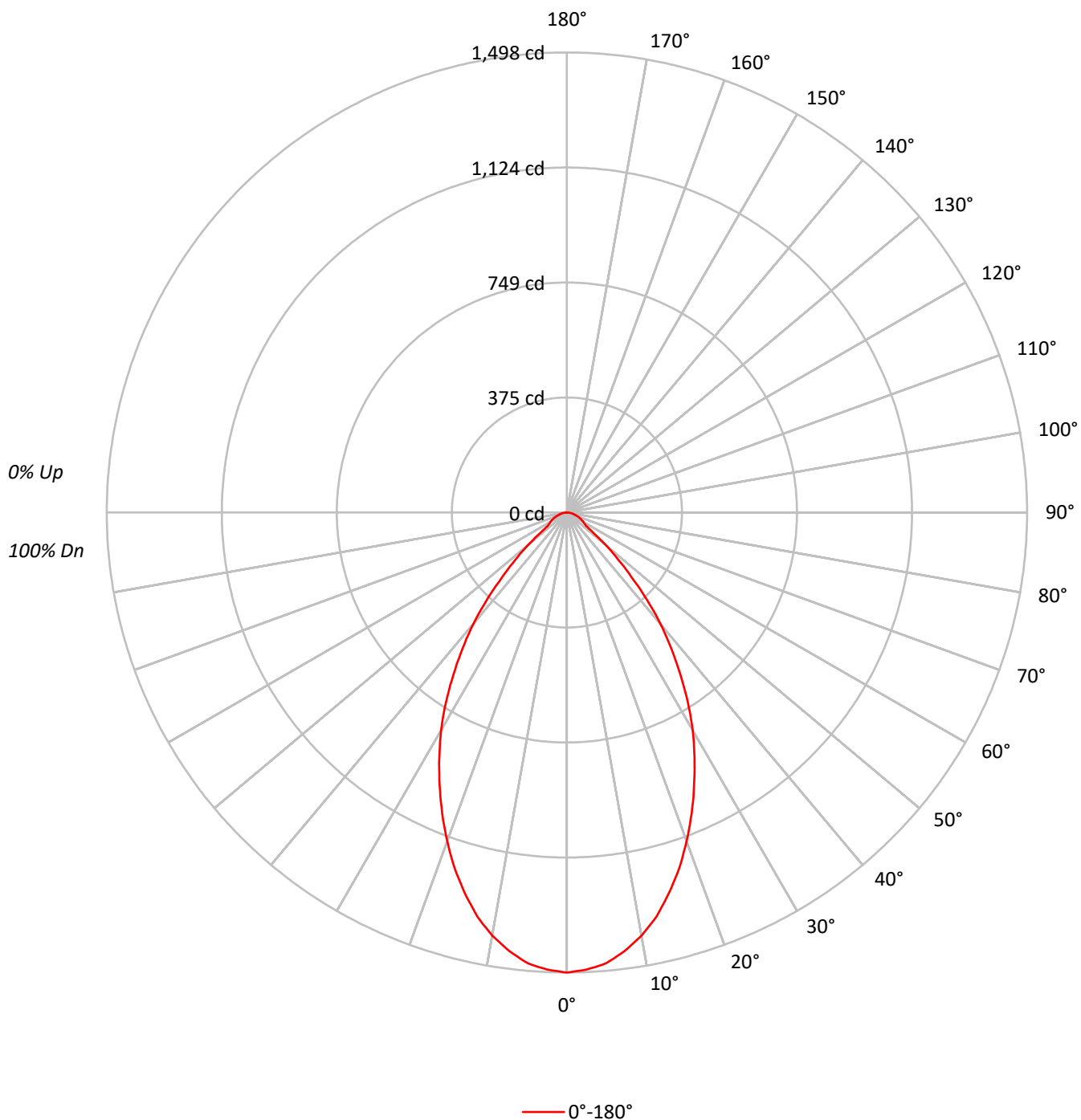
Lumens per Lamp: N/A
Luminaire Lumens: 1747.0 lumens
Efficiency: N/A
Efficacy: 60.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	328482
5°	324278
10°	311506
15°	291352
20°	265790
25°	237135
30°	207424
35°	172340
40°	135855
45°	92134
50°	56322
55°	29170
60°	27147
65°	25684
70°	23786
75°	21011
80°	20836
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 92134 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.2	7.9
10°-20°	358.7	20.5
20°-30°	449.2	25.7
30°-40°	401.0	23.0
40°-50°	234.8	13.4
50°-60°	81.1	4.6
60°-70°	49.0	2.8
70°-80°	27.2	1.6
80°-90°	7.8	0.4
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°	946.1	54.2
0°-40°	1347.1	77.1
0°-60°	1663.0	95.2
0°-90°	1747.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1747.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1498	
5°	1473	138
15°	1283	359
25°	980	449
35°	644	401
45°	297	235
55°	76	81
65°	50	49
75°	25	27
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1498.0
2.5°	1489.7
5°	1473.2
7.5°	1440.2
10°	1399.0
12.5°	1347.4
15°	1283.4
17.5°	1215.3
20°	1139.0
22.5°	1060.6
25°	980.1
27.5°	899.6
30°	819.2
32.5°	732.5
35°	643.8
37.5°	557.1
40°	474.6
42.5°	385.8
45°	297.1
47.5°	227.0
50°	165.1
52.5°	107.3
55°	76.3
57.5°	68.1
60°	61.9
62.5°	55.7
65°	49.5
67.5°	43.3
70°	37.1
72.5°	31.0
75°	24.8
77.5°	20.6
80°	16.5
82.5°	10.3
85°	6.2
87.5°	4.1
90°	0.0

(END OF REPORT)