

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: P1258586

Luminaire Tested: P3AS24R559040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258586
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

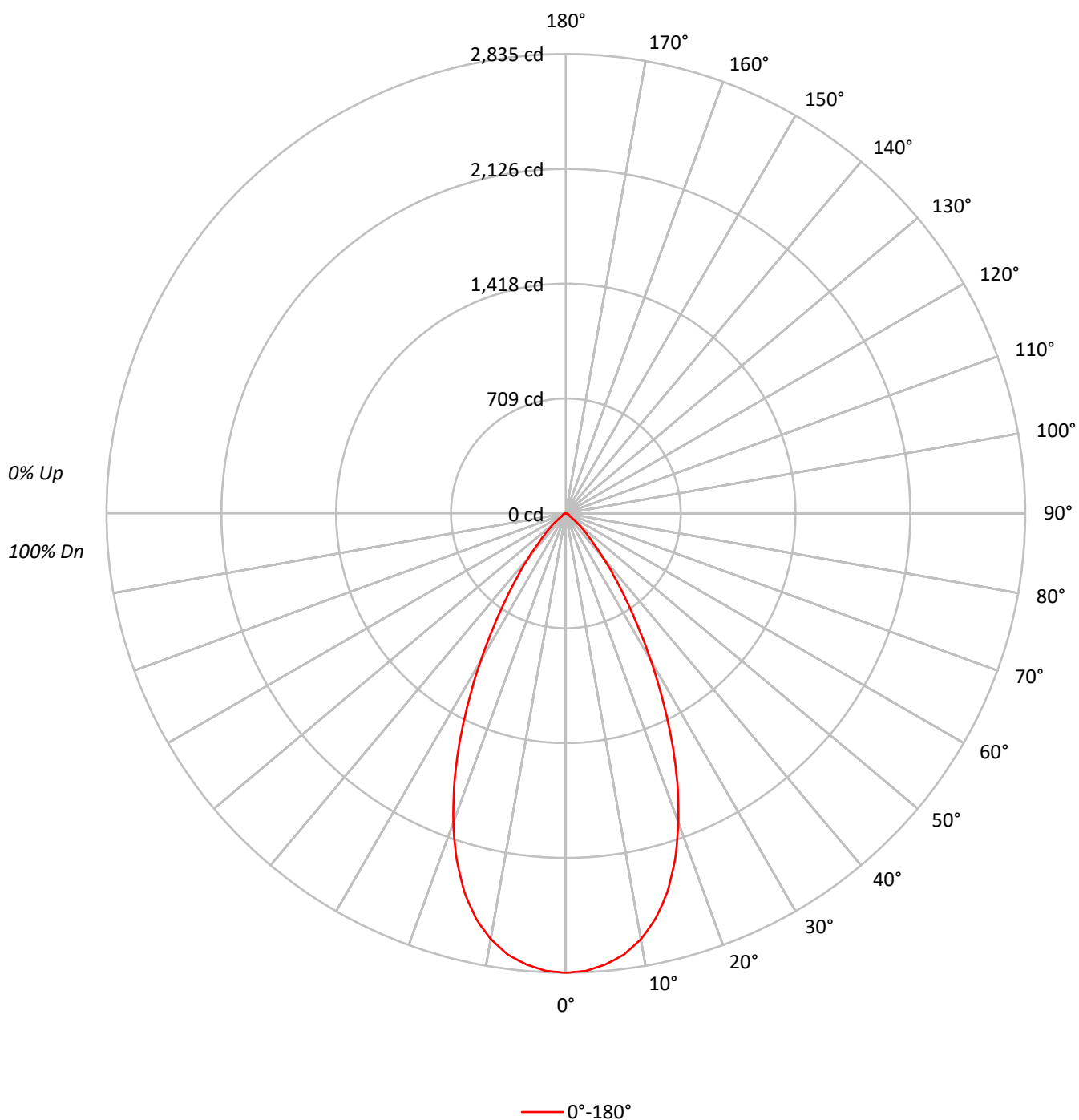
Lumens per Lamp: N/A
Luminaire Lumens: 2264.0 lumens
Efficiency: N/A
Efficacy: 78.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	621683
5°	615363
10°	594266
15°	549311
20°	474011
25°	374368
30°	265585
35°	171243
40°	102850
45°	57960
50°	31180
55°	11125
60°	9999
65°	9703
70°	9296
75°	8811
80°	7829
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57960 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.9	11.6
10°-20°	669.1	29.6
20°-30°	701.2	31.0
30°-40°	409.1	18.1
40°-50°	153.1	6.8
50°-60°	36.0	1.6
60°-70°	18.5	0.8
70°-80°	11.0	0.5
80°-90°	3.1	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°	1633.2	72.1
0°-40°	2042.3	90.2
0°-60°	2231.4	98.6
0°-90°	2264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2264.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2835	
5°	2796	263
15°	2420	669
25°	1547	701
35°	640	409
45°	187	153
55°	29	36
65°	19	18
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2835.1
2.5°	2826.8
5°	2795.6
7.5°	2745.8
10°	2668.9
12.5°	2560.9
15°	2419.7
17.5°	2241.1
20°	2031.3
22.5°	1796.6
25°	1547.3
27.5°	1291.9
30°	1048.9
32.5°	828.7
35°	639.7
37.5°	486.0
40°	359.3
42.5°	257.5
45°	186.9
47.5°	135.0
50°	91.4
52.5°	51.9
55°	29.1
57.5°	24.9
60°	22.8
62.5°	20.8
65°	18.7
67.5°	16.6
70°	14.5
72.5°	12.5
75°	10.4
77.5°	8.3
80°	6.2
82.5°	4.2
85°	2.1
87.5°	2.1
90°	0.0

(END OF REPORT)