

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: P1261629

Luminaire Tested: P3AS02R559727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261629
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: P3AS02R559727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

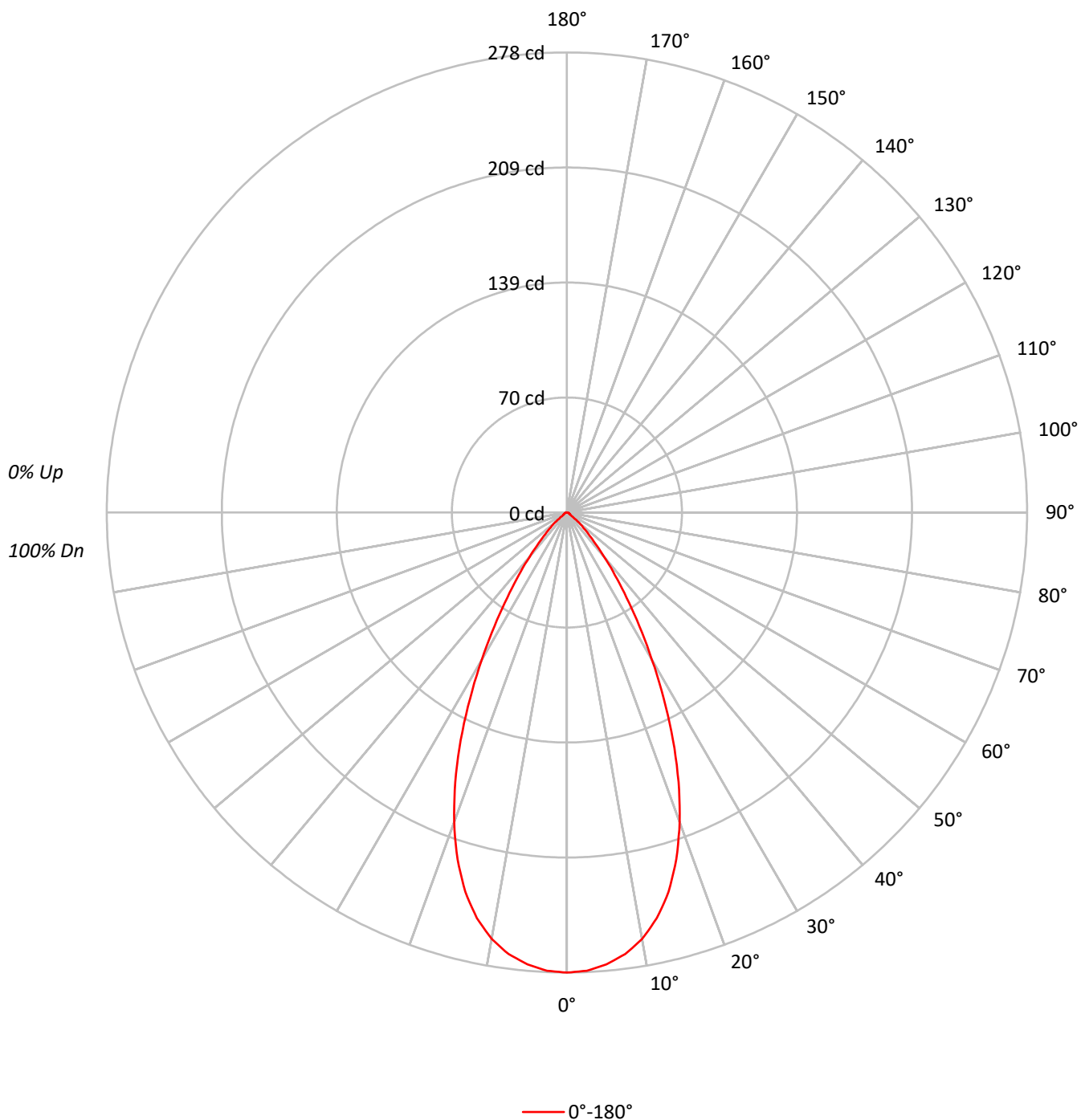
Lumens per Lamp: N/A
Luminaire Lumens: 221.9 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	95	90	86		92	88	85		89	86	84		87	85	82
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		83	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	69		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		68	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	73	63	57	53		72	63	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	60960
5°	60334
10°	58271
15°	53871
20°	46484
25°	36704
30°	26029
35°	16784
40°	10076
45°	5675
50°	3070
55°	1109
60°	965
65°	934
70°	898
75°	847
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5675 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.8	11.6
10°-20°	65.6	29.6
20°-30°	68.8	31.0
30°-40°	40.1	18.1
40°-50°	15.0	6.8
50°-60°	3.5	1.6
60°-70°	1.8	0.8
70°-80°	1.1	0.5
80°-90°	0.3	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°	160.2	72.2
0°-40°	200.3	90.2
0°-60°	218.8	98.6
0°-90°	221.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	278	
5°	274	26
15°	237	66
25°	152	69
35°	63	40
45°	18	15
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	278.0
2.5°	277.2
5°	274.1
7.5°	269.2
10°	261.7
12.5°	251.1
15°	237.3
17.5°	219.8
20°	199.2
22.5°	176.2
25°	151.7
27.5°	126.7
30°	102.8
32.5°	81.3
35°	62.7
37.5°	47.7
40°	35.2
42.5°	25.3
45°	18.3
47.5°	13.2
50°	9.0
52.5°	5.1
55°	2.9
57.5°	2.4
60°	2.2
62.5°	2.0
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)