

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: P1275207

Luminaire Tested: P3AS02R559835DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275207
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: P3AS02R559835DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

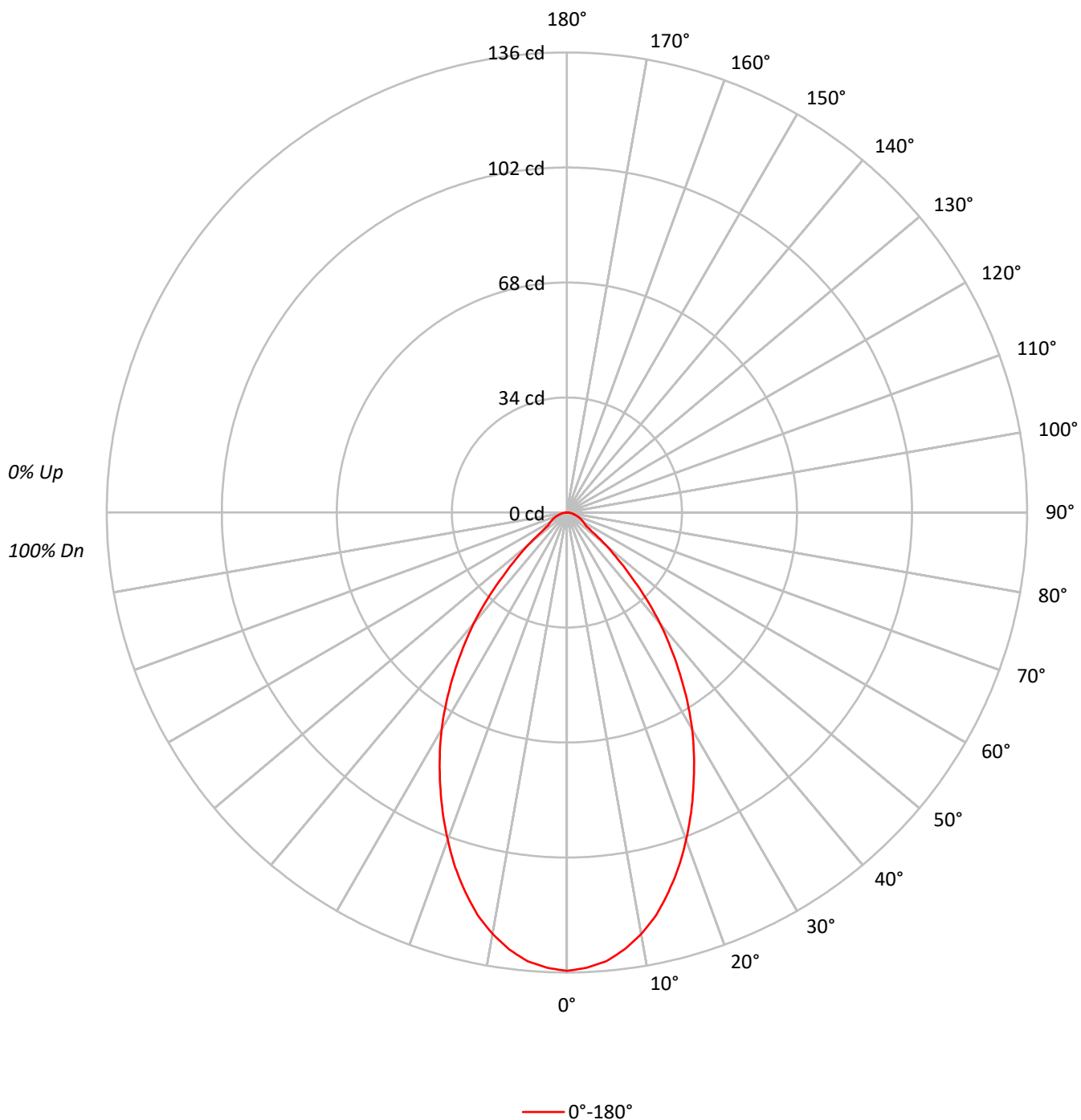
Lumens per Lamp: N/A
Luminaire Lumens: 158.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				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	54	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°	29713
5°	29320
10°	28167
15°	26357
20°	24035
25°	21437
30°	18762
35°	15580
40°	12280
45°	8342
50°	5083
55°	2638
60°	2456
65°	2335
70°	2180
75°	1864
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8342 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	7.9
10°-20°	32.4	20.5
20°-30°	40.6	25.7
30°-40°	36.3	22.9
40°-50°	21.2	13.4
50°-60°	7.3	4.6
60°-70°	4.4	2.8
70°-80°	2.5	1.6
80°-90°	0.7	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°	85.6	54.2
0°-40°	121.8	77.1
0°-60°	150.4	95.2
0°-90°	158.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	158.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	136	
5°	133	12
15°	116	32
25°	89	41
35°	58	36
45°	27	21
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	135.5
2.5°	134.7
5°	133.2
7.5°	130.3
10°	126.5
12.5°	121.9
15°	116.1
17.5°	109.9
20°	103.0
22.5°	95.9
25°	88.6
27.5°	81.4
30°	74.1
32.5°	66.2
35°	58.2
37.5°	50.4
40°	42.9
42.5°	34.9
45°	26.9
47.5°	20.5
50°	14.9
52.5°	9.7
55°	6.9
57.5°	6.2
60°	5.6
62.5°	5.0
65°	4.5
67.5°	3.9
70°	3.4
72.5°	2.8
75°	2.2
77.5°	1.9
80°	1.5
82.5°	0.9
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)