

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: P1275370

Luminaire Tested: P3AS05R259835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275370
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

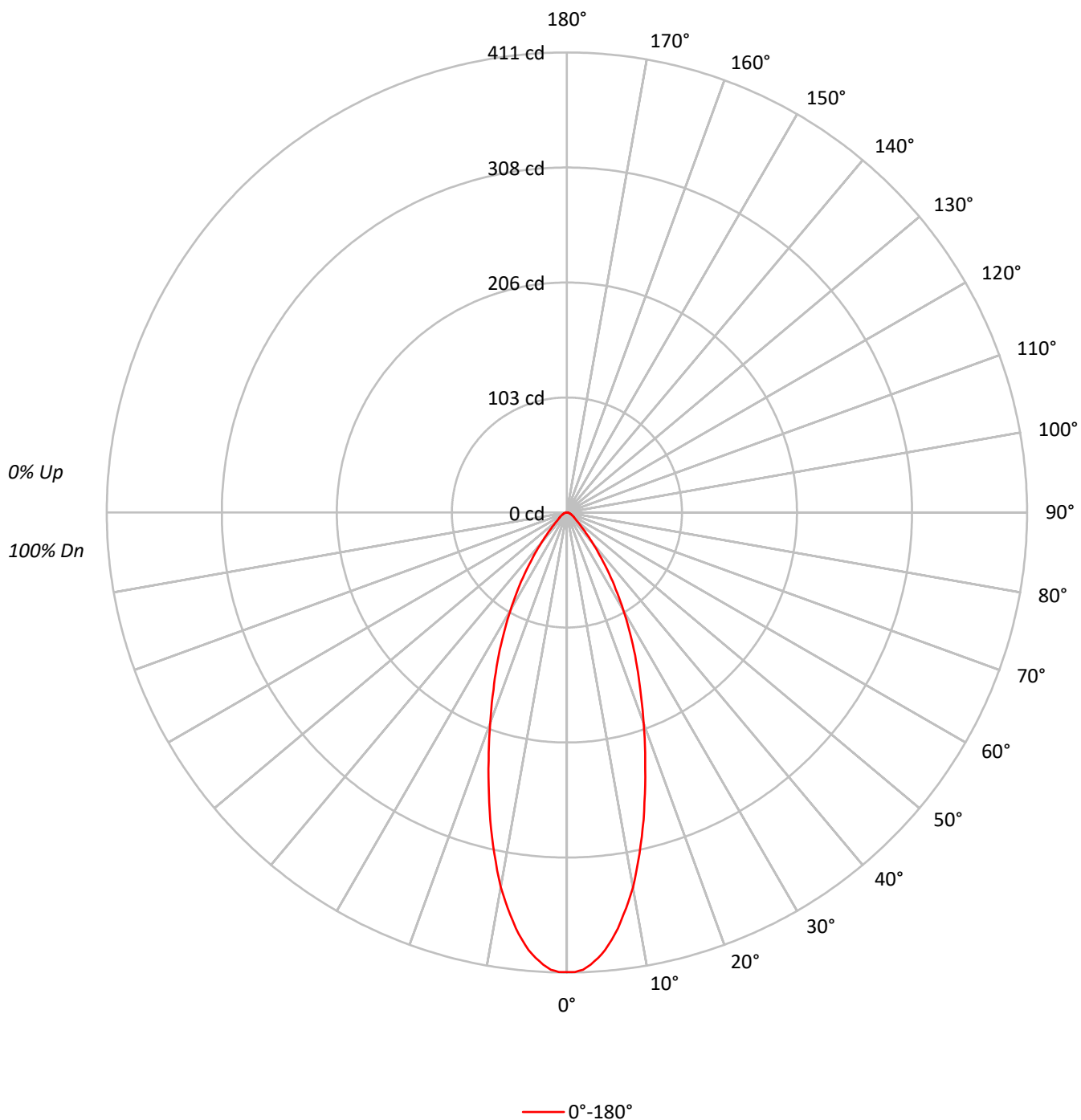
Lumens per Lamp: N/A
Luminaire Lumens: 248.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90037
5°	86374
10°	75683
15°	60818
20°	46741
25°	35349
30°	25548
35°	16972
40°	10305
45°	5985
50°	3821
55°	3097
60°	2719
65°	2387
70°	1988
75°	1949
80°	1515
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5985 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.7	14.4
10°-20°	74.1	29.9
20°-30°	67.0	27.0
30°-40°	40.2	16.2
40°-50°	16.0	6.4
50°-60°	7.4	3.0
60°-70°	4.5	1.8
70°-80°	2.4	1.0
80°-90°	0.7	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°	176.8	71.3
0°-40°	217.1	87.5
0°-60°	240.4	96.9
0°-90°	248.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	248.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	411	
5°	392	36
15°	268	74
25°	146	67
35°	63	40
45°	19	16
55°	8	7
65°	5	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	410.6
1°	410.6
2°	408.7
3°	404.4
4°	399.0
5°	392.4
6°	383.9
7°	374.3
8°	363.0
9°	351.8
10°	339.9
11°	325.9
12°	311.6
13°	297.3
14°	283.0
15°	267.9
17.5°	232.4
20°	200.3
22.5°	171.3
25°	146.1
27.5°	122.6
30°	100.9
32.5°	81.2
35°	63.4
37.5°	48.3
40°	36.0
42.5°	26.3
45°	19.3
47.5°	14.7
50°	11.2
52.5°	9.3
55°	8.1
57.5°	7.0
60°	6.2
62.5°	5.0
65°	4.6
67.5°	3.9
70°	3.1
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.2
82.5°	0.8
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)