

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: P1251149

Luminaire Tested: P3AS05R259030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251149
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: P3AS05R259030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

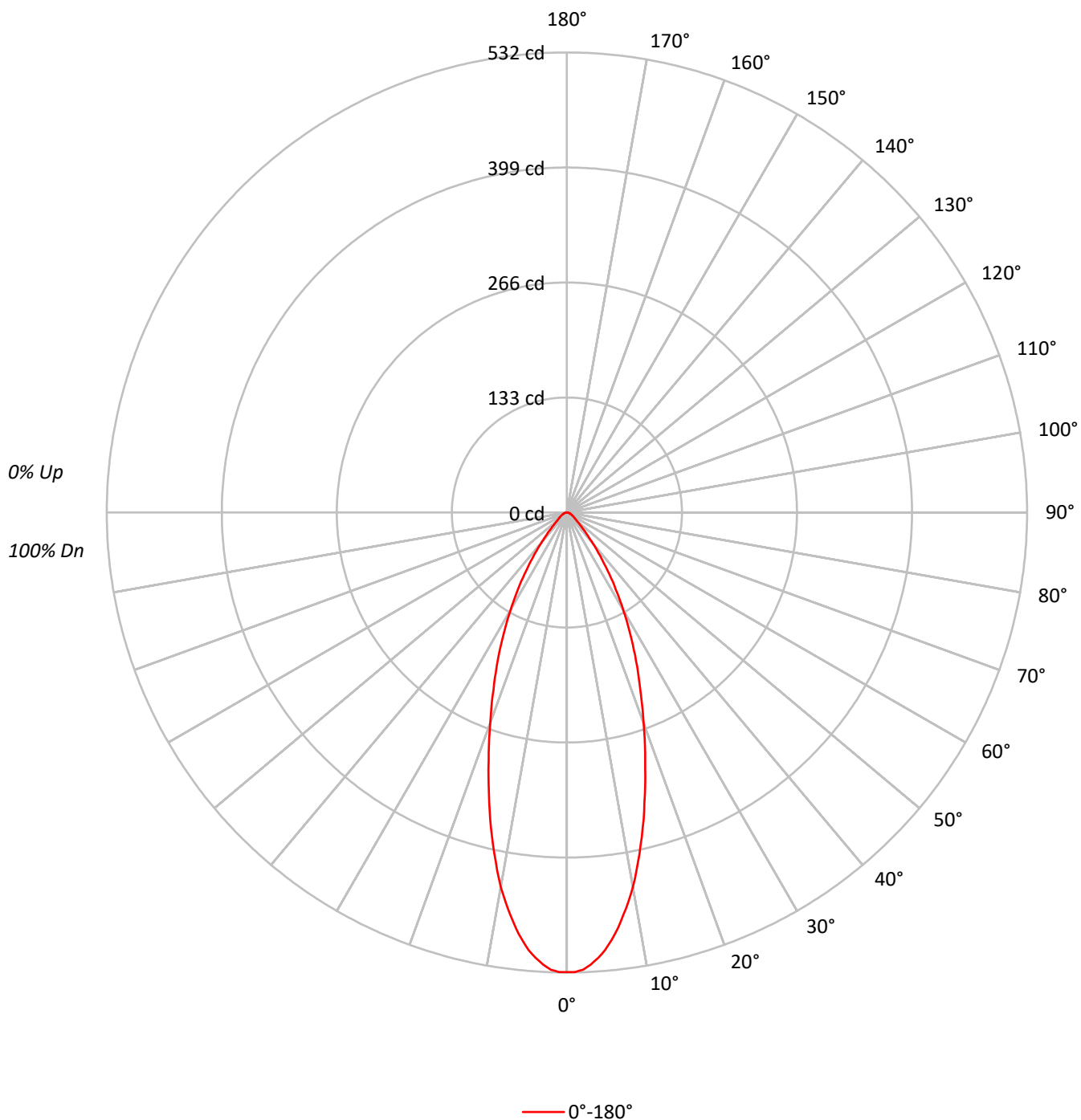
Lumens per Lamp: N/A
Luminaire Lumens: 321.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		65	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°	116548
5°	111798
10°	97950
15°	78729
20°	60485
25°	45777
30°	33068
35°	21978
40°	13311
45°	7753
50°	4947
55°	4014
60°	3508
65°	3113
70°	2565
75°	2542
80°	1894
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7753 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	14.4
10°-20°	95.9	29.9
20°-30°	86.7	27.0
30°-40°	52.1	16.2
40°-50°	20.7	6.4
50°-60°	9.5	3.0
60°-70°	5.8	1.8
70°-80°	3.1	1.0
80°-90°	0.9	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°	228.9	71.3
0°-40°	281.0	87.5
0°-60°	311.2	96.9
0°-90°	321.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	321.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	532	
5°	508	46
15°	347	96
25°	189	87
35°	82	52
45°	25	21
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	531.5
1°	531.5
2°	529.0
3°	523.5
4°	516.5
5°	507.9
6°	496.9
7°	484.4
8°	469.9
9°	455.4
10°	439.9
11°	421.9
12°	403.4
13°	384.8
14°	366.3
15°	346.8
17.5°	300.8
20°	259.2
22.5°	221.7
25°	189.2
27.5°	158.6
30°	130.6
32.5°	105.1
35°	82.1
37.5°	62.6
40°	46.5
42.5°	34.0
45°	25.0
47.5°	19.0
50°	14.5
52.5°	12.0
55°	10.5
57.5°	9.0
60°	8.0
62.5°	6.5
65°	6.0
67.5°	5.0
70°	4.0
72.5°	3.5
75°	3.0
77.5°	2.5
80°	1.5
82.5°	1.0
85°	1.0
87.5°	0.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)