

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: P1271405

Luminaire Tested: P3AS05R559827DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271405
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559827DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

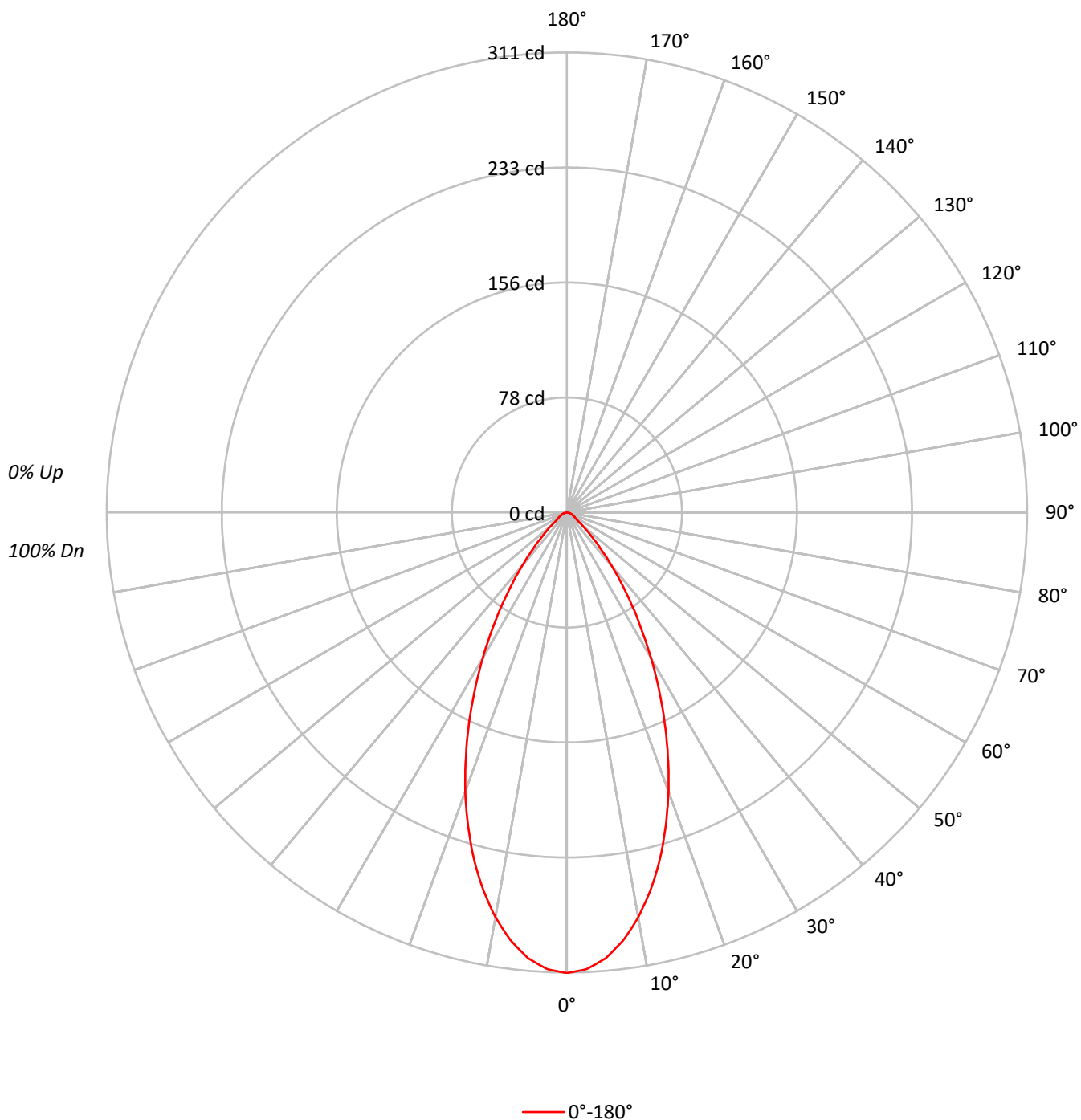
Lumens per Lamp: N/A
Luminaire Lumens: 251.1 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		52
10	70	60	54	51	69	60	54	50	59	54	50		58	54	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68284
5°	66564
10°	61878
15°	55119
20°	46834
25°	37793
30°	28815
35°	20505
40°	13511
45°	8032
50°	4708
55°	2906
60°	2588
65°	2335
70°	1988
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8032 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	11.2
10°-20°	67.3	26.8
20°-30°	71.3	28.4
30°-40°	48.2	19.2
40°-50°	21.1	8.4
50°-60°	7.6	3.0
60°-70°	4.4	1.8
70°-80°	2.3	0.9
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°	166.7	66.4
0°-40°	214.8	85.6
0°-60°	243.5	97.0
0°-90°	251.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	251.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	302	28
15°	243	67
25°	156	71
35°	77	48
45°	26	21
55°	8	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	311.4
2.5°	309.0
5°	302.4
7.5°	291.7
10°	277.9
12.5°	261.4
15°	242.8
17.5°	222.1
20°	200.7
22.5°	178.3
25°	156.2
27.5°	134.5
30°	113.8
32.5°	94.1
35°	76.6
37.5°	60.7
40°	47.2
42.5°	35.5
45°	25.9
47.5°	19.0
50°	13.8
52.5°	9.7
55°	7.6
57.5°	6.9
60°	5.9
62.5°	5.2
65°	4.5
67.5°	3.8
70°	3.1
72.5°	2.8
75°	2.1
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)