

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: P1262040

Luminaire Tested: P3AS05R559727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262040
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: P3AS05R559727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

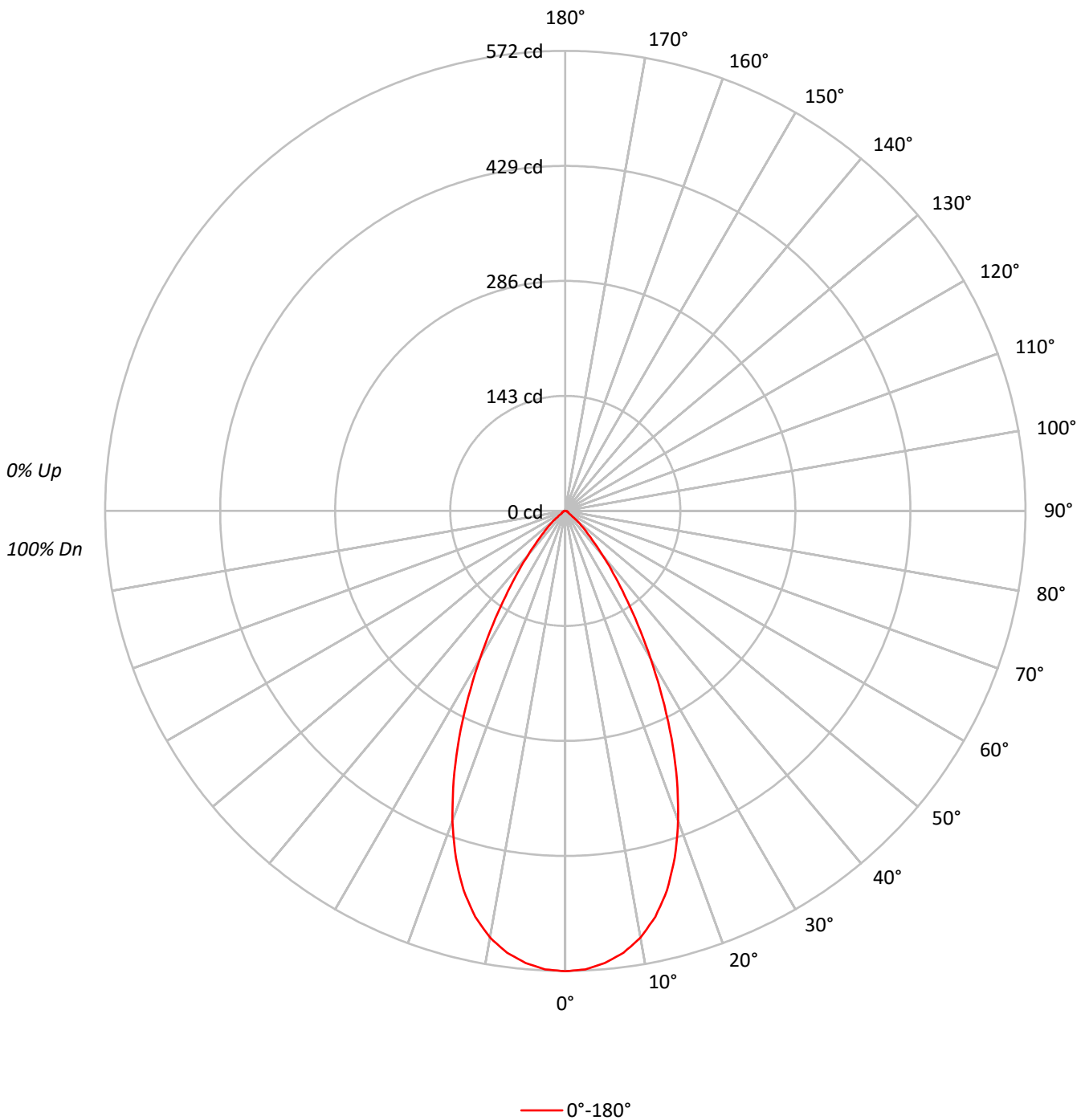
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 457.0 lumens
Efficiency: N/A
Efficacy: 63.5 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): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100			
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70			
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66			
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55			
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125494
5°	124213
10°	119949
15°	110875
20°	95675
25°	75561
30°	53603
35°	34559
40°	20753
45°	11691
50°	6277
55°	2256
60°	2017
65°	1972
70°	1859
75°	1779
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11691 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.1	11.6
10°-20°	135.1	29.6
20°-30°	141.5	31.0
30°-40°	82.6	18.1
40°-50°	30.9	6.8
50°-60°	7.3	1.6
60°-70°	3.7	0.8
70°-80°	2.2	0.5
80°-90°	0.6	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°	329.7	72.1
0°-40°	412.2	90.2
0°-60°	450.4	98.6
0°-90°	457.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	457.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	572	
5°	564	53
15°	488	135
25°	312	142
35°	129	83
45°	38	31
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	572.3
2.5°	570.6
5°	564.3
7.5°	554.2
10°	538.7
12.5°	516.9
15°	488.4
17.5°	452.4
20°	410.0
22.5°	362.7
25°	312.3
27.5°	260.8
30°	211.7
32.5°	167.3
35°	129.1
37.5°	98.1
40°	72.5
42.5°	52.0
45°	37.7
47.5°	27.3
50°	18.4
52.5°	10.5
55°	5.9
57.5°	5.0
60°	4.6
62.5°	4.2
65°	3.8
67.5°	3.4
70°	2.9
72.5°	2.5
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)