

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: P1254090

Luminaire Tested: P3AS05R659035DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254090
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659035DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

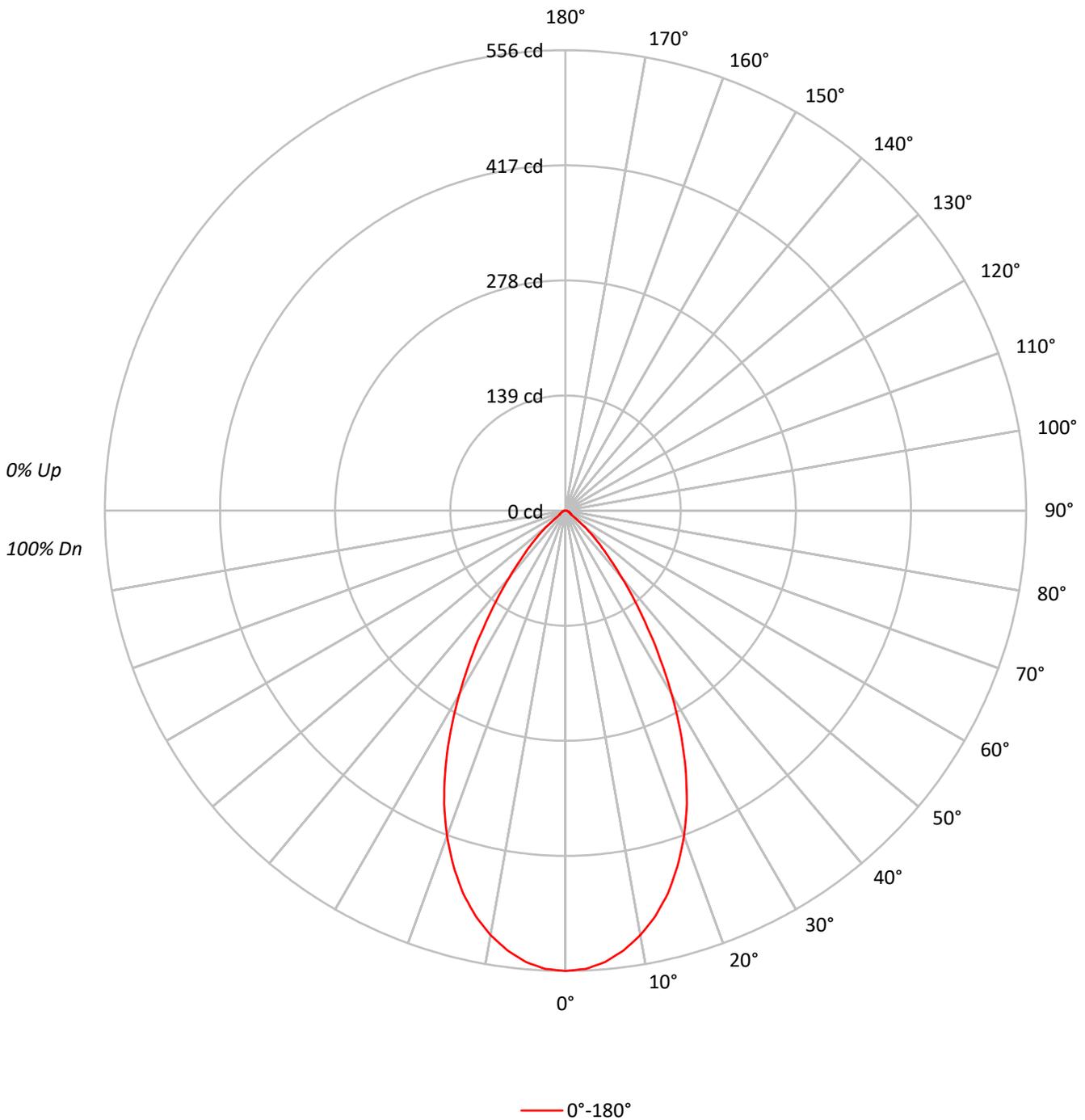
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 517.0 lumens
Efficiency: N/A
Efficacy: 71.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V): NR
Input Current (A_{in}): 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				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				100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63				63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58				58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48				48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121920
5°	120471
10°	115896
15°	108559
20°	97635
25°	82916
30°	64845
35°	46204
40°	30228
45°	18700
50°	9484
55°	3364
60°	2938
65°	2958
70°	2629
75°	2626
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18700 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.4	9.9
10°-20°	133.1	25.7
20°-30°	155.5	30.1
30°-40°	108.7	21.0
40°-50°	47.8	9.3
50°-60°	10.6	2.1
60°-70°	5.4	1.0
70°-80°	3.3	0.6
80°-90°	1.1	0.2
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°	340.0	65.8
0°-40°	448.7	86.8
0°-60°	507.2	98.1
0°-90°	517.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	517.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	556	
5°	547	51
15°	478	133
25°	343	156
35°	173	109
45°	60	48
55°	9	11
65°	6	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	556.0
2.5°	554.0
5°	547.3
7.5°	535.9
10°	520.5
12.5°	501.4
15°	478.2
17.5°	449.9
20°	418.4
22.5°	382.9
25°	342.7
27.5°	300.4
30°	256.1
32.5°	213.3
35°	172.6
37.5°	137.1
40°	105.6
42.5°	79.9
45°	60.3
47.5°	44.3
50°	27.8
52.5°	14.4
55°	8.8
57.5°	7.7
60°	6.7
62.5°	6.2
65°	5.7
67.5°	4.6
70°	4.1
72.5°	3.6
75°	3.1
77.5°	2.6
80°	2.1
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)