

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: P1253748

Luminaire Tested: P3AS05R109035DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253748
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R109035DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

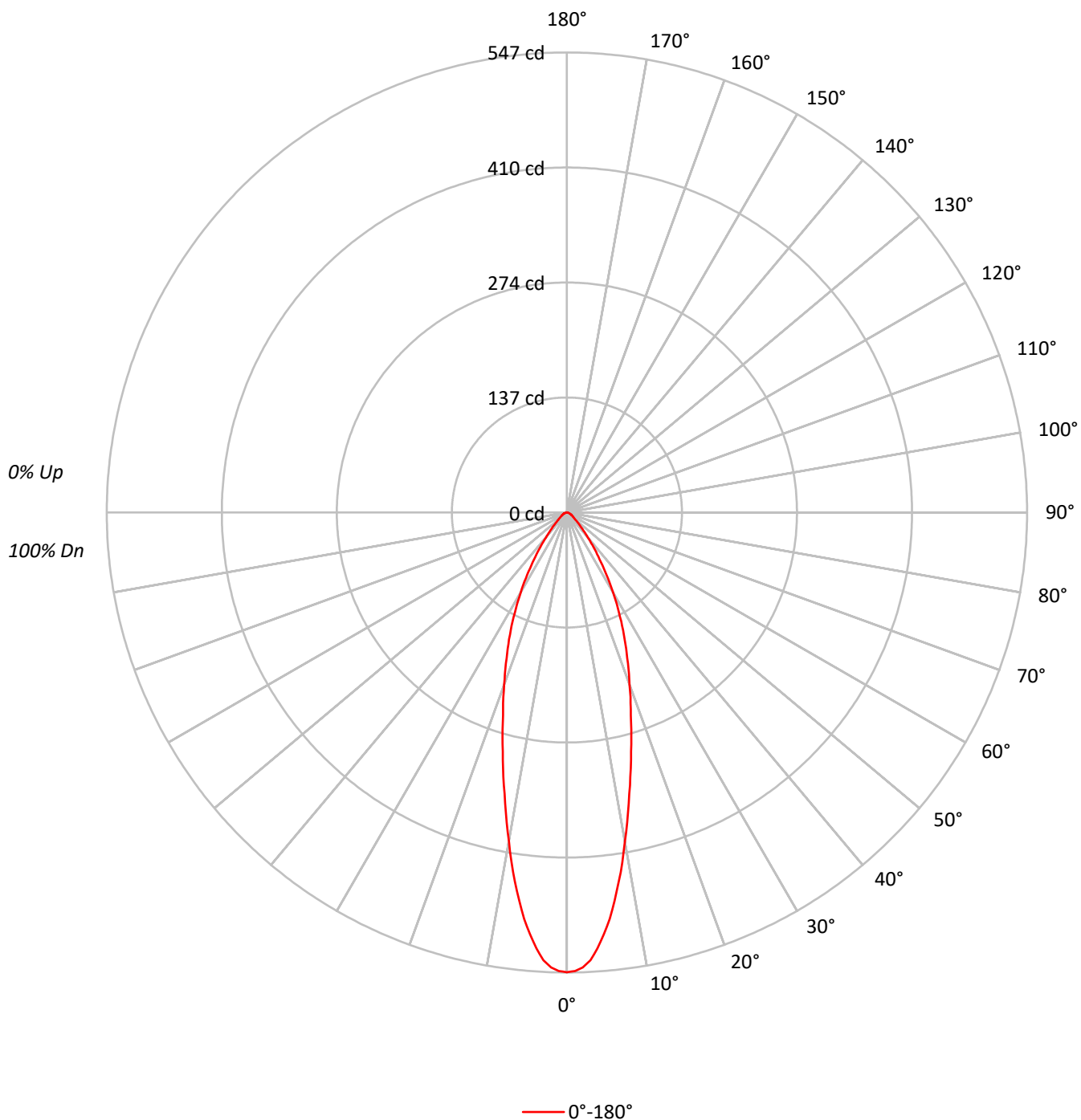
Lumens per Lamp: N/A
Luminaire Lumens: 278.0 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119881
5°	110808
10°	88464
15°	66811
20°	50871
25°	38784
30°	27776
35°	18123
40°	11107
45°	6729
50°	4469
55°	3441
60°	2982
65°	2594
70°	2308
75°	2288
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6729 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.6	16.0
10°-20°	82.3	29.6
20°-30°	73.2	26.3
30°-40°	43.3	15.6
40°-50°	17.8	6.4
50°-60°	8.3	3.0
60°-70°	5.1	1.8
70°-80°	2.7	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°	200.1	72.0
0°-40°	243.4	87.5
0°-60°	269.6	96.9
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	547	
5°	503	45
15°	294	82
25°	160	73
35°	68	43
45°	22	18
55°	9	8
65°	5	5
75°	3	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	546.7
1°	545.3
2°	541.3
3°	533.2
4°	519.6
5°	503.4
6°	485.8
7°	465.0
8°	443.3
9°	421.2
10°	397.3
12.5°	342.6
15°	294.3
17.5°	252.8
20°	218.0
22.5°	187.3
25°	160.3
27.5°	134.1
30°	109.7
32.5°	87.6
35°	67.7
37.5°	51.9
40°	38.8
42.5°	28.9
45°	21.7
47.5°	16.7
50°	13.1
52.5°	10.8
55°	9.0
57.5°	7.7
60°	6.8
62.5°	5.9
65°	5.0
67.5°	4.5
70°	3.6
72.5°	3.2
75°	2.7
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)