

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: P1256454

Luminaire Tested: P3AS05R109040DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256454
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: P3AS05R109040DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

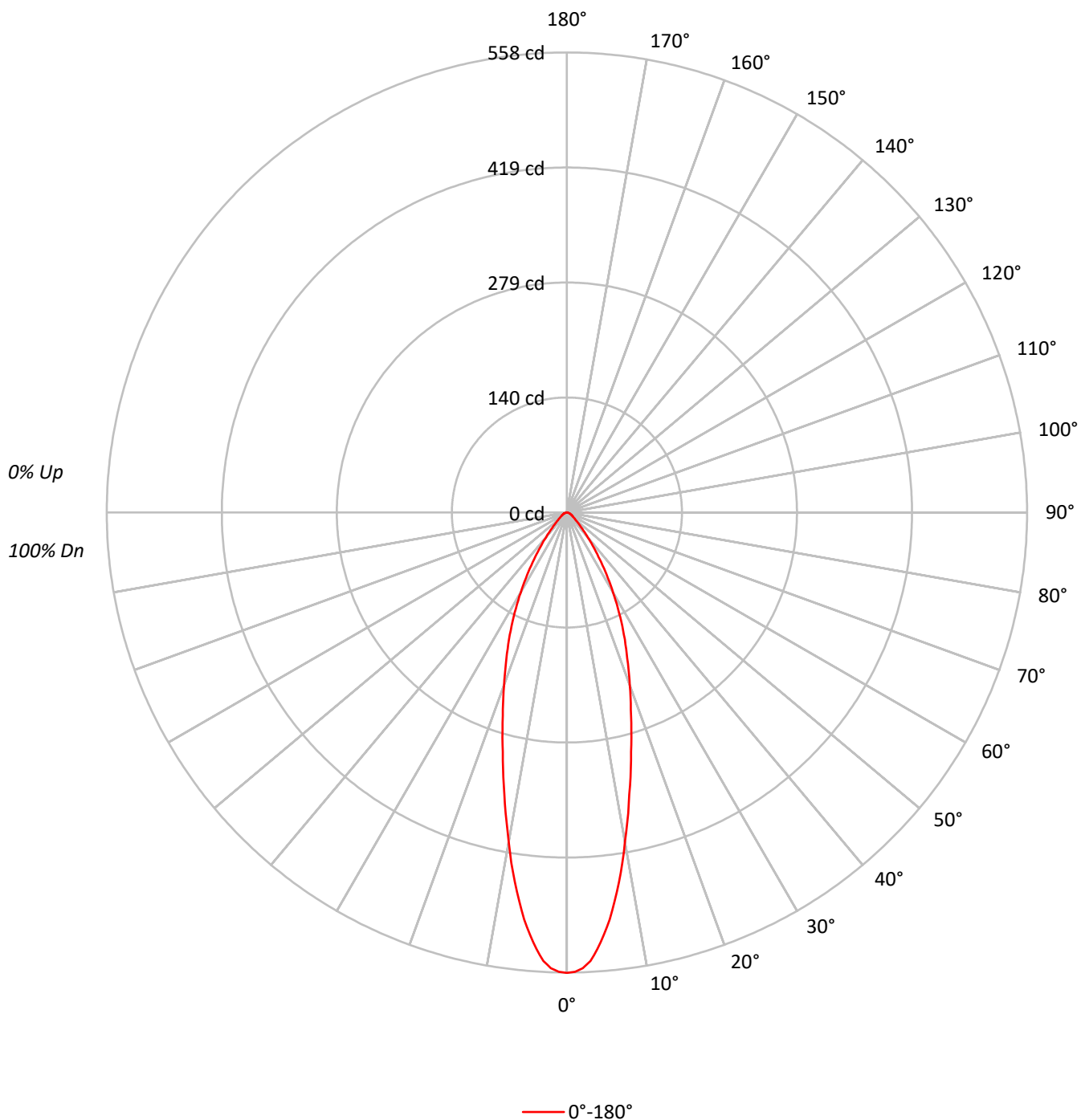
Lumens per Lamp: N/A
Luminaire Lumens: 284.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	93	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°	122468
5°	113185
10°	90357
15°	68264
20°	51991
25°	39607
30°	28384
35°	18524
40°	11364
45°	6853
50°	4571
55°	3517
60°	3026
65°	2646
70°	2372
75°	2372
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6853 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.6	16.0
10°-20°	84.0	29.6
20°-30°	74.8	26.3
30°-40°	44.3	15.6
40°-50°	18.2	6.4
50°-60°	8.5	3.0
60°-70°	5.2	1.8
70°-80°	2.7	1.0
80°-90°	0.7	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°	204.4	72.0
0°-40°	248.7	87.6
0°-60°	275.4	97.0
0°-90°	284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	284.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	558	
5°	514	46
15°	301	84
25°	164	75
35°	69	44
45°	22	18
55°	9	9
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	558.5
1°	557.1
2°	553.0
3°	544.7
4°	530.8
5°	514.2
6°	496.2
7°	475.0
8°	452.9
9°	430.3
10°	405.8
12.5°	350.0
15°	300.7
17.5°	258.3
20°	222.8
22.5°	191.4
25°	163.7
27.5°	137.0
30°	112.1
32.5°	89.5
35°	69.2
37.5°	53.0
40°	39.7
42.5°	29.5
45°	22.1
47.5°	17.1
50°	13.4
52.5°	11.1
55°	9.2
57.5°	7.8
60°	6.9
62.5°	6.0
65°	5.1
67.5°	4.6
70°	3.7
72.5°	3.2
75°	2.8
77.5°	1.8
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)