

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: P1257405

Luminaire Tested: P3AS13R359040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257405
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

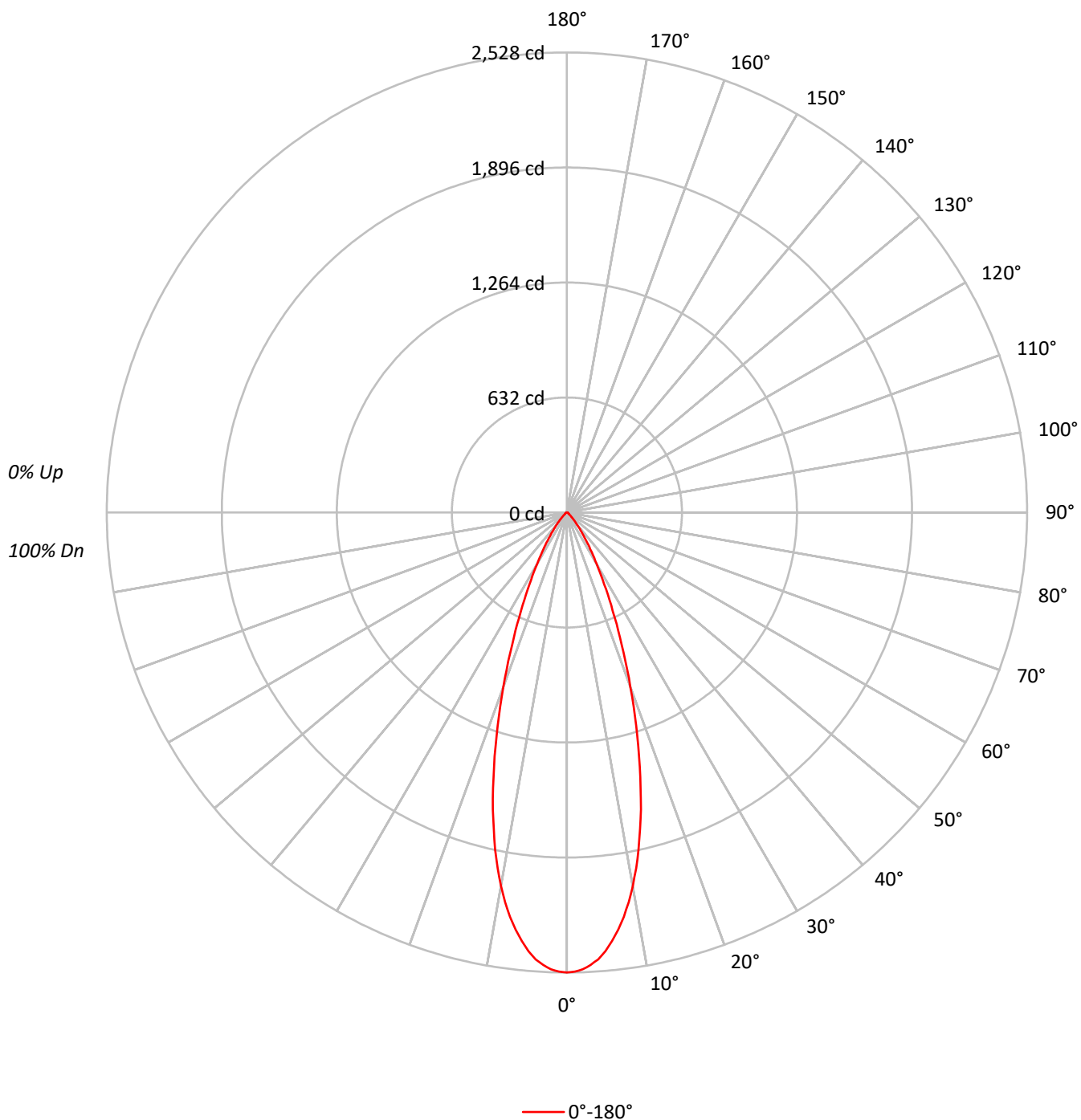
Lumens per Lamp: N/A
Luminaire Lumens: 1099.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	554298
5°	532708
10°	464142
15°	355507
20°	237857
25°	143912
30°	82595
35°	46177
40°	24532
45°	12652
50°	6072
55°	4779
60°	4605
65°	3788
70°	4039
75°	3558
80°	3915
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.2	20.0
10°-20°	426.7	38.8
20°-30°	279.4	25.4
30°-40°	113.3	10.3
40°-50°	34.0	3.1
50°-60°	11.6	1.1
60°-70°	7.8	0.7
70°-80°	4.5	0.4
80°-90°	1.5	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°	926.2	84.3
0°-40°	1039.6	94.6
0°-60°	1085.1	98.7
0°-90°	1099.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1099.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2528	
5°	2420	220
15°	1566	427
25°	595	279
35°	172	113
45°	41	34
55°	12	12
65°	7	8
75°	4	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2527.8
1°	2523.6
2°	2512.1
3°	2489.1
4°	2461.9
5°	2420.1
6°	2367.8
7°	2309.3
8°	2243.4
9°	2168.1
10°	2084.5
11°	1991.5
12°	1894.2
13°	1785.5
14°	1682.0
15°	1566.0
17.5°	1284.8
20°	1019.3
22.5°	784.0
25°	594.8
27.5°	443.2
30°	326.2
32.5°	239.4
35°	172.5
37.5°	122.3
40°	85.7
42.5°	59.6
45°	40.8
47.5°	27.2
50°	17.8
52.5°	13.6
55°	12.5
57.5°	11.5
60°	10.5
62.5°	9.4
65°	7.3
67.5°	6.3
70°	6.3
72.5°	5.2
75°	4.2
77.5°	3.1
80°	3.1
82.5°	2.1
85°	1.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)