

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: P1252106

Luminaire Tested: P3AS13R559030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252106
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: P3AS13R559030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

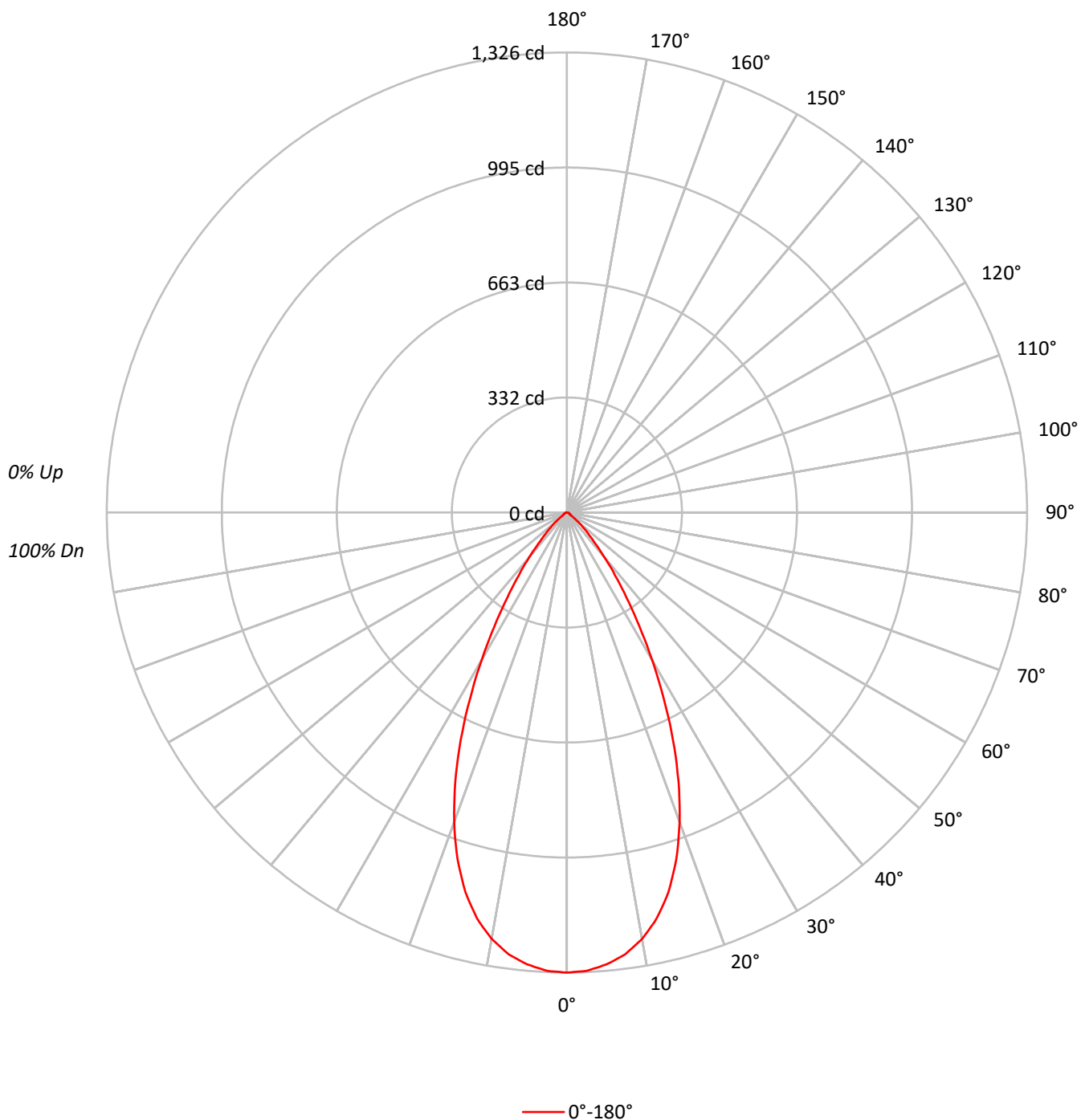
Lumens per Lamp: N/A
Luminaire Lumens: 1059.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	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	89	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	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	290788
5°	287849
10°	277973
15°	256937
20°	221709
25°	175123
30°	124222
35°	80094
40°	48119
45°	27104
50°	14567
55°	5199
60°	4693
65°	4514
70°	4360
75°	4151
80°	3662
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27104 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.0	11.6
10°-20°	313.0	29.6
20°-30°	328.0	31.0
30°-40°	191.3	18.1
40°-50°	71.6	6.8
50°-60°	16.9	1.6
60°-70°	8.6	0.8
70°-80°	5.1	0.5
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°	764.0	72.1
0°-40°	955.3	90.2
0°-60°	1043.7	98.6
0°-90°	1059.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1059.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1326	
5°	1308	123
15°	1132	313
25°	724	328
35°	299	191
45°	87	72
55°	14	17
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1326.1
2.5°	1322.2
5°	1307.7
7.5°	1284.3
10°	1248.4
12.5°	1197.9
15°	1131.8
17.5°	1048.3
20°	950.1
22.5°	840.4
25°	723.8
27.5°	604.3
30°	490.6
32.5°	387.6
35°	299.2
37.5°	227.3
40°	168.1
42.5°	120.5
45°	87.4
47.5°	63.1
50°	42.7
52.5°	24.3
55°	13.6
57.5°	11.7
60°	10.7
62.5°	9.7
65°	8.7
67.5°	7.8
70°	6.8
72.5°	5.8
75°	4.9
77.5°	3.9
80°	2.9
82.5°	1.9
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)