

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: P1252424

Luminaire Tested: P3AS17R459030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

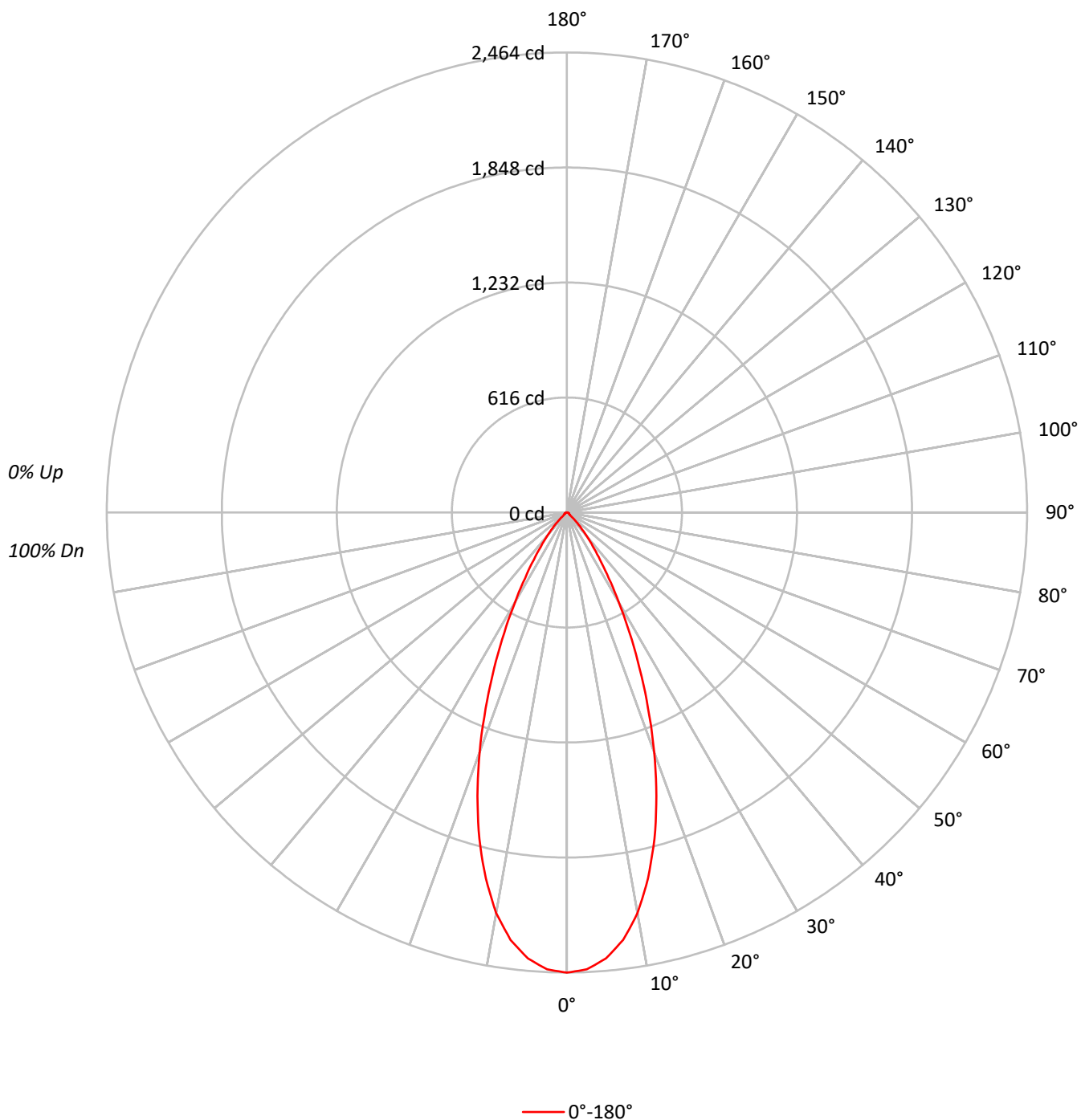
Lumens per Lamp: N/A
Luminaire Lumens: 1439.0 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	540395
5°	527734
10°	485117
15°	411058
20°	318924
25°	222932
30°	140452
35°	82690
40°	46773
45°	22762
50°	7914
55°	6384
60°	6228
65°	6019
70°	5770
75°	5422
80°	4925
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22762 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.9	15.4
10°-20°	497.2	34.6
20°-30°	422.2	29.3
30°-40°	201.4	14.0
40°-50°	60.7	4.2
50°-60°	15.4	1.1
60°-70°	11.5	0.8
70°-80°	6.8	0.5
80°-90°	1.9	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°	1141.4	79.3
0°-40°	1342.8	93.3
0°-60°	1418.8	98.6
0°-90°	1439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1439.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2464	
5°	2398	222
15°	1811	497
25°	921	422
35°	309	201
45°	73	61
55°	17	15
65°	12	11
75°	6	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2464.4
2.5°	2449.0
5°	2397.5
7.5°	2308.7
10°	2178.7
12.5°	2006.3
15°	1810.7
17.5°	1593.2
20°	1366.7
22.5°	1136.3
25°	921.4
27.5°	725.8
30°	554.7
32.5°	417.0
35°	308.9
37.5°	227.8
40°	163.4
42.5°	113.2
45°	73.4
47.5°	41.2
50°	23.2
52.5°	18.0
55°	16.7
57.5°	15.4
60°	14.2
62.5°	12.9
65°	11.6
67.5°	10.3
70°	9.0
72.5°	7.7
75°	6.4
77.5°	5.1
80°	3.9
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)