

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: P1260059

Luminaire Tested: P3AS13R459050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260059
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: P3AS13R459050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

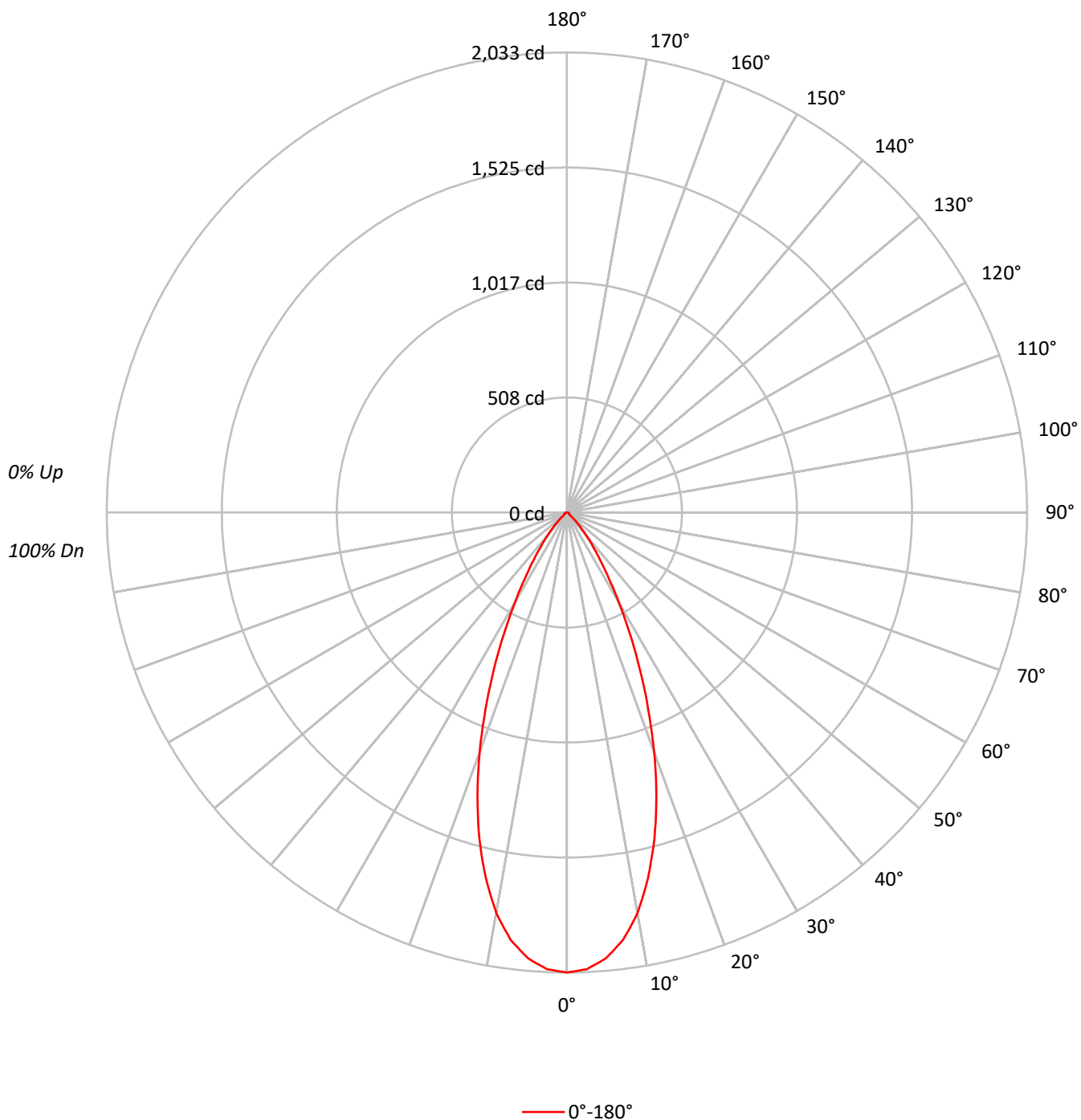
Lumens per Lamp: N/A
Luminaire Lumens: 1187.0 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	445754
5°	435306
10°	400171
15°	339071
20°	263060
25°	183906
30°	115841
35°	68208
40°	38587
45°	18762
50°	6516
55°	5276
60°	5131
65°	4981
70°	4744
75°	4490
80°	4041
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18762 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.1	15.4
10°-20°	410.1	34.6
20°-30°	348.3	29.3
30°-40°	166.1	14.0
40°-50°	50.0	4.2
50°-60°	12.7	1.1
60°-70°	9.5	0.8
70°-80°	5.6	0.5
80°-90°	1.6	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°	941.5	79.3
0°-40°	1107.6	93.3
0°-60°	1170.4	98.6
0°-90°	1187.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1187.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2033	
5°	1978	183
15°	1494	410
25°	760	348
35°	255	166
45°	60	50
55°	14	13
65°	10	9
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2032.8
2.5°	2020.1
5°	1977.6
7.5°	1904.4
10°	1797.2
12.5°	1654.9
15°	1493.6
17.5°	1314.2
20°	1127.3
22.5°	937.3
25°	760.1
27.5°	598.7
30°	457.5
32.5°	343.9
35°	254.8
37.5°	187.9
40°	134.8
42.5°	93.4
45°	60.5
47.5°	34.0
50°	19.1
52.5°	14.9
55°	13.8
57.5°	12.7
60°	11.7
62.5°	10.6
65°	9.6
67.5°	8.5
70°	7.4
72.5°	6.4
75°	5.3
77.5°	4.2
80°	3.2
82.5°	2.1
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)