

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: P1251952

Luminaire Tested: P3AS13R309030DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251952
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

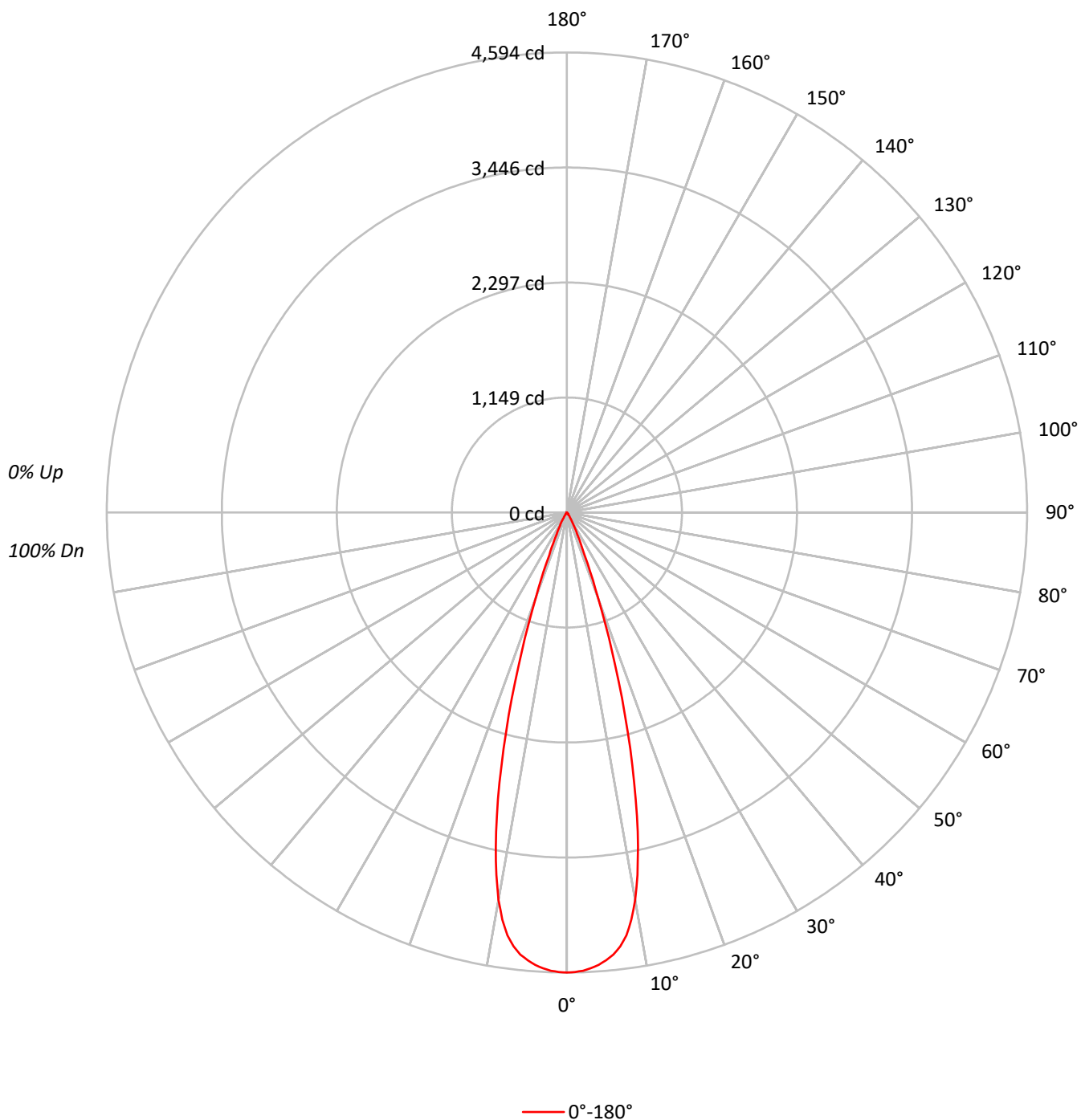
Lumens per Lamp: N/A
Luminaire Lumens: 1237.0 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	104	101	103	101	99		100	99	97		98
3	108	103	100	97	106	102	99	96	100	97	95		97	95	93		95
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		93
5	102	96	92	89	100	95	91	89	94	90	88		92	89	87		91
6	99	93	89	86	98	92	88	86	91	88	85		90	87	85		89
7	96	90	86	83	95	89	86	83	88	85	82		87	84	82		86
8	94	87	83	81	93	87	83	80	86	83	80		85	82	80		84
9	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82
10	89	83	79	76	88	82	78	76	82	78	76		81	78	76		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1007332
5°	988309
10°	874889
15°	554305
20°	210415
25°	62302
30°	24611
35°	7549
40°	3349
45°	1209
50°	989
55°	726
60°	833
65°	986
70°	641
75°	847
80°	1263
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1263 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.7	33.4
10°-20°	643.2	52.0
20°-30°	149.4	12.1
30°-40°	23.2	1.9
40°-50°	4.0	0.3
50°-60°	1.8	0.1
60°-70°	1.5	0.1
70°-80°	1.1	0.1
80°-90°	0.1	0.0
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°	1205.3	97.4
0°-40°	1228.5	99.3
0°-60°	1234.3	99.8
0°-90°	1237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4594	
5°	4490	413
15°	2442	643
25°	258	149
35°	28	23
45°	4	4
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4593.8
1°	4590.9
2°	4578.3
3°	4556.9
4°	4529.7
5°	4489.9
6°	4440.3
7°	4366.5
8°	4265.4
9°	4116.7
10°	3929.2
11°	3687.3
12°	3414.3
13°	3111.1
14°	2777.9
15°	2441.7
17.5°	1597.3
20°	901.7
22.5°	460.5
25°	257.5
27.5°	158.4
30°	97.2
32.5°	52.5
35°	28.2
37.5°	18.5
40°	11.7
42.5°	6.8
45°	3.9
47.5°	2.9
50°	2.9
52.5°	1.9
55°	1.9
57.5°	1.9
60°	1.9
62.5°	1.9
65°	1.9
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	1.0
80°	1.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)