

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: P1251922

Luminaire Tested: P3AS13R259030DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251922
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259030DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

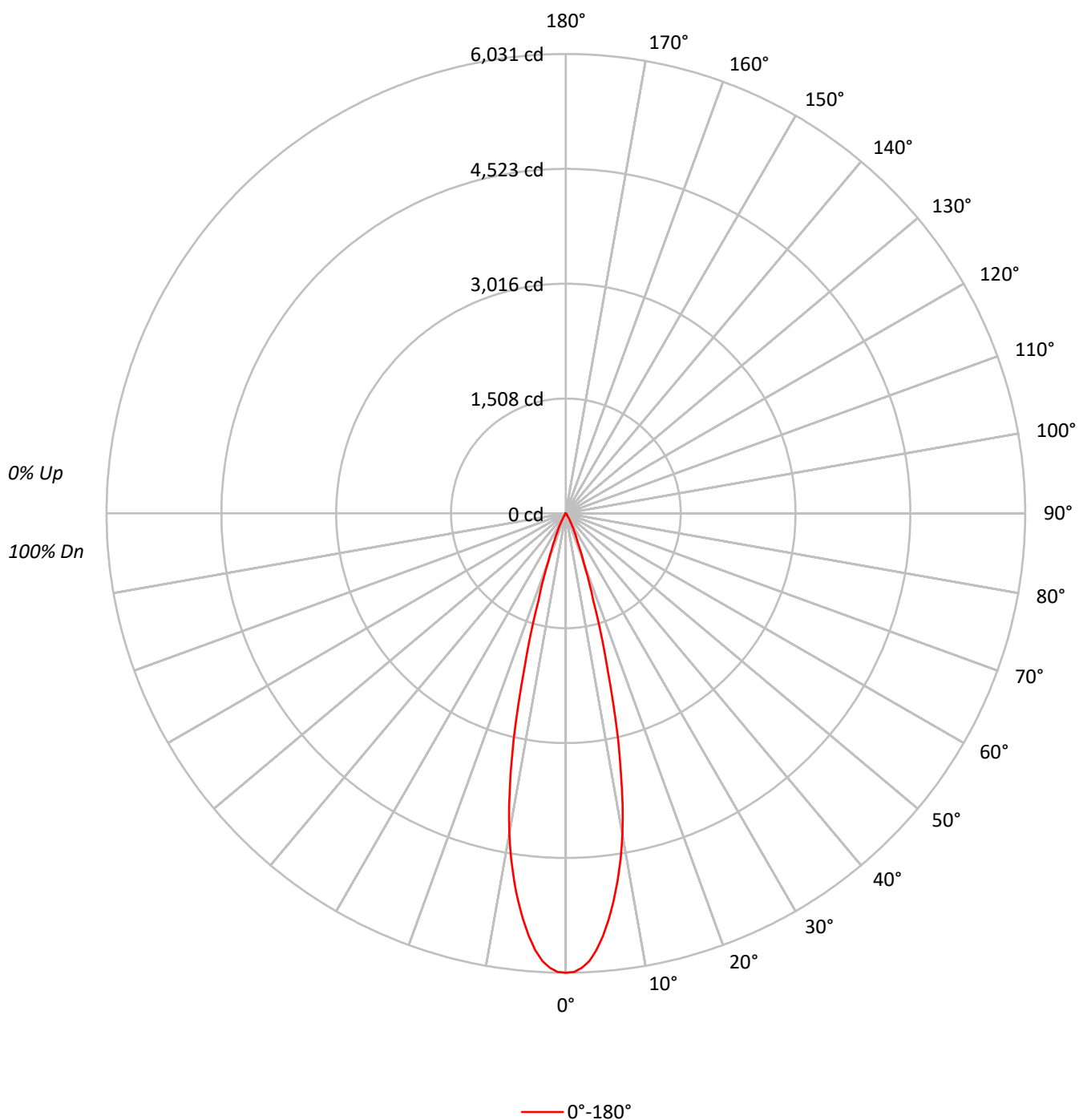
Lumens per Lamp: N/A
Luminaire Lumens: 1237.0 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	113	111	109	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	88	85	96	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	82	88	84	82		87	84	82		86
9	93	87	83	80	92	86	83	80	86	82	80		85	82	80		84
10	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1322526
5°	1226609
10°	951263
15°	476983
20°	156697
25°	62302
30°	23371
35°	6773
40°	3063
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°	490.1	39.6
10°-20°	584.8	47.3
20°-30°	131.8	10.7
30°-40°	21.4	1.7
40°-50°	3.9	0.3
50°-60°	2.0	0.2
60°-70°	1.8	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°	1206.7	97.6
0°-40°	1228.1	99.3
0°-60°	1234.0	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°	6031	
5°	5572	490
15°	2101	585
25°	258	132
35°	25	21
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°	6031.2
1°	6021.5
2°	5972.9
3°	5883.5
4°	5748.4
5°	5572.5
6°	5362.6
7°	5135.2
8°	4874.7
9°	4590.0
10°	4272.2
11°	3905.8
12°	3484.0
13°	3042.8
14°	2569.5
15°	2101.1
17.5°	1197.3
20°	671.5
22.5°	405.3
25°	257.5
27.5°	158.4
30°	92.3
32.5°	48.6
35°	25.3
37.5°	16.5
40°	10.7
42.5°	6.8
45°	3.9
47.5°	2.9
50°	2.9
52.5°	2.9
55°	1.9
57.5°	1.9
60°	1.9
62.5°	1.9
65°	1.9
67.5°	1.9
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)