

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: P1251201

Luminaire Tested: P3AS05R359030DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251201
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359030DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

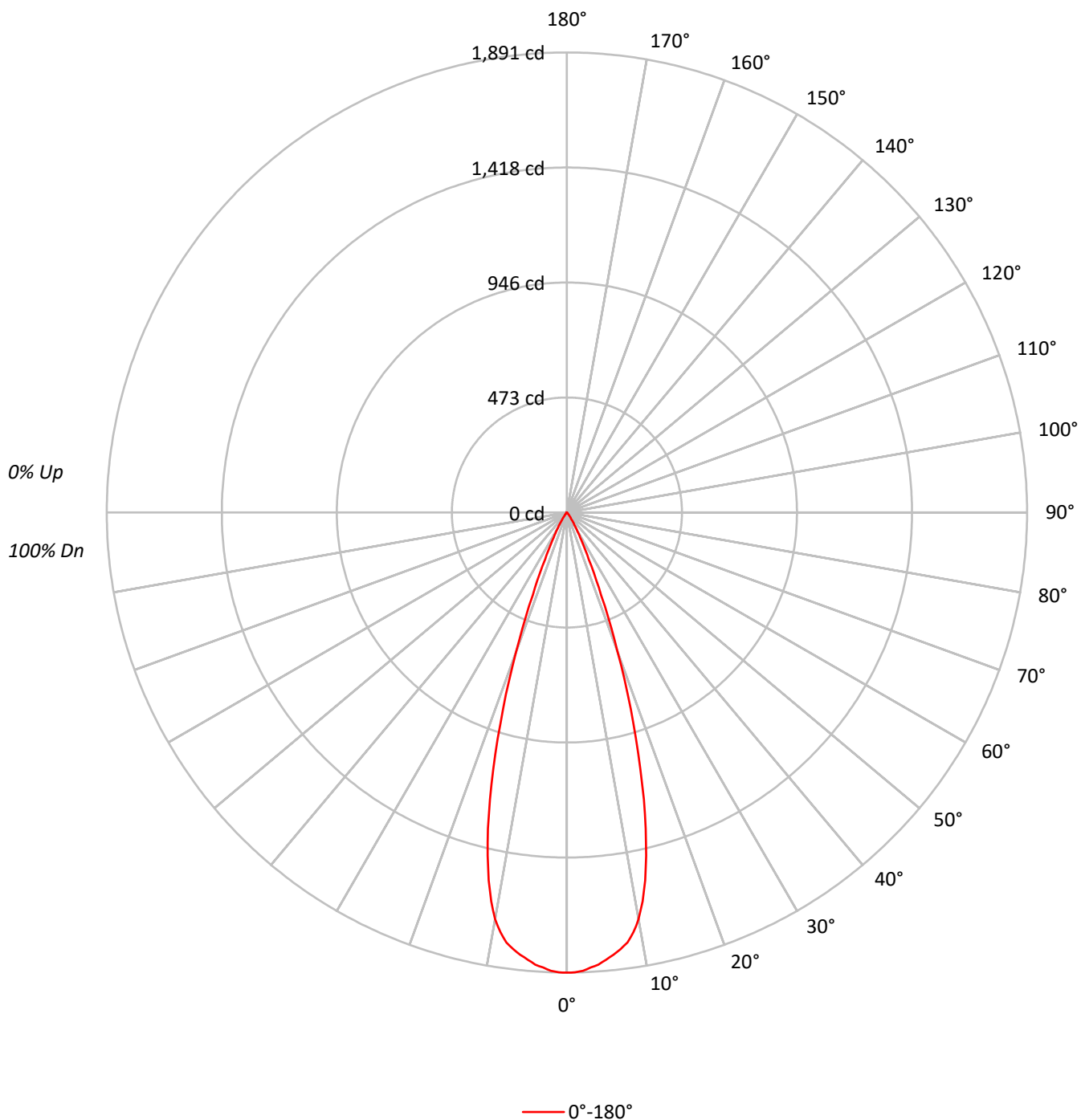
Lumens per Lamp: N/A
Luminaire Lumens: 636.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	109		112	110	109	107		106	105	104		103	102	101		99	99	98
2	111	107	104	101		109	105	103	100		102	100	98		99	98	96		97	95	94
3	107	102	98	95		105	101	97	95		98	96	93		96	94	92		94	92	90
4	104	98	94	91		102	97	93	90		95	92	89		93	90	88		91	89	87
5	100	94	90	87		99	93	89	86		92	88	86		90	87	85		89	86	84
6	97	91	86	83		96	90	86	83		89	85	82		87	84	82		86	83	81
7	94	87	83	80		93	87	83	80		86	82	79		85	81	79		84	81	79
8	91	84	80	77		90	84	80	77		83	79	77		82	79	76		81	78	76
9	89	82	77	74		88	81	77	74		80	77	74		80	76	74		79	76	74
10	86	79	75	72		85	79	75	72		78	74	72		77	74	72		77	74	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	414704
5°	406272
10°	377949
15°	277096
20°	141879
25°	51148
30°	19902
35°	6960
40°	2863
45°	775
50°	682
55°	765
60°	658
65°	519
70°	641
75°	847
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 847 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.1	27.1
10°-20°	322.8	50.8
20°-30°	114.3	18.0
30°-40°	20.0	3.1
40°-50°	2.9	0.5
50°-60°	1.6	0.3
60°-70°	1.2	0.2
70°-80°	0.9	0.1
80°-90°	0.2	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°	609.2	95.8
0°-40°	629.2	98.9
0°-60°	633.7	99.6
0°-90°	636.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	636.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1891	
5°	1846	172
15°	1221	323
25°	211	114
35°	26	20
45°	2	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1891.2
1°	1890.7
2°	1884.7
3°	1873.2
4°	1862.7
5°	1845.7
6°	1828.1
7°	1808.6
8°	1784.6
9°	1747.0
10°	1697.4
11°	1628.8
12°	1546.2
13°	1448.0
14°	1339.8
15°	1220.6
17.5°	909.1
20°	608.0
22.5°	366.6
25°	211.4
27.5°	126.2
30°	78.6
32.5°	45.6
35°	26.0
37.5°	16.5
40°	10.0
42.5°	5.0
45°	2.5
47.5°	2.0
50°	2.0
52.5°	2.0
55°	2.0
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.0
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)