

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: P1253821

Luminaire Tested: P3AS05R209035DE010 E3D1B

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253821
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209035DE010 E3D1B
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3D1B TRIM
Light Source: -
Ballast/Driver: -

Summary

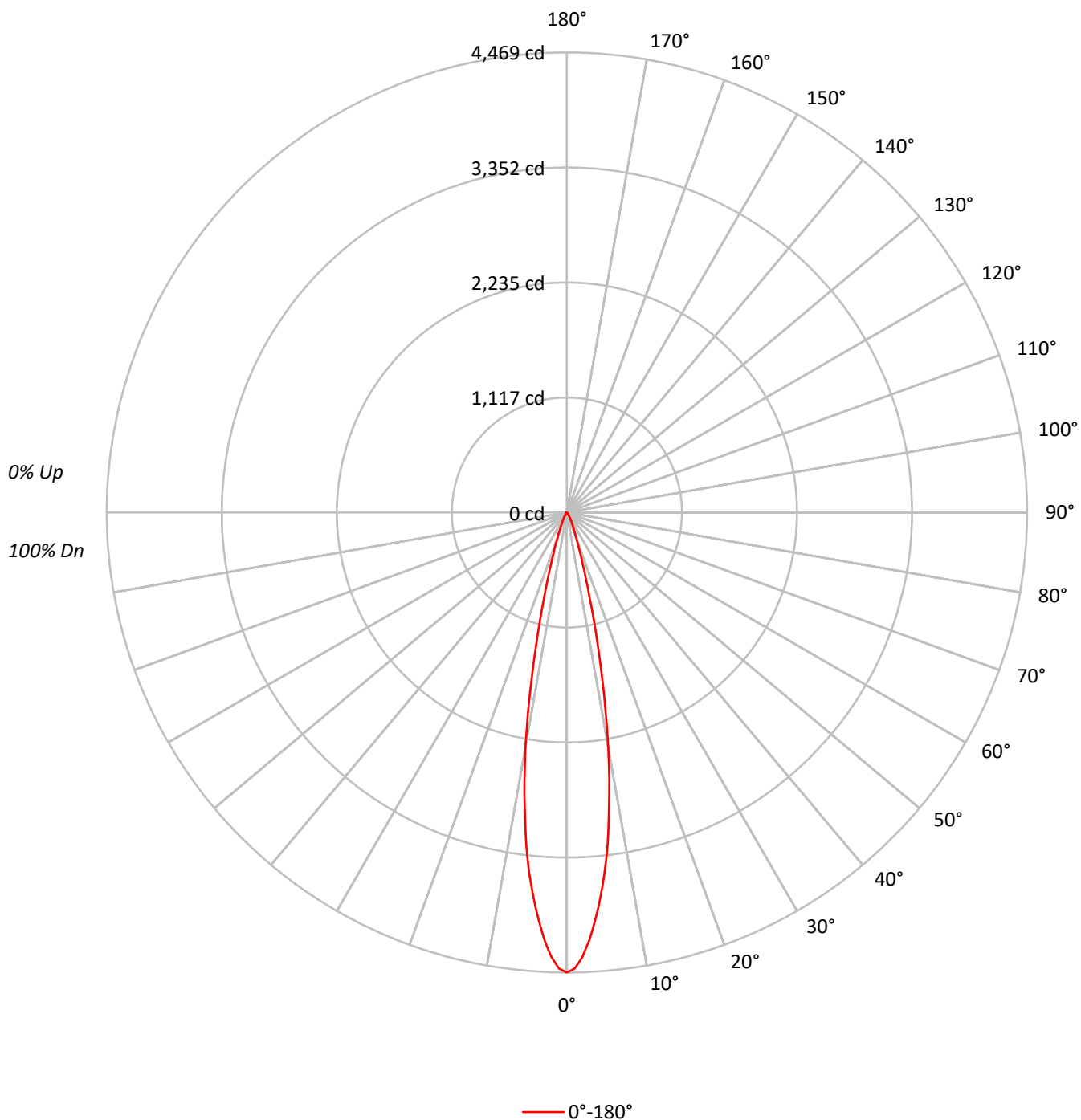
Lumens per Lamp: N/A
Luminaire Lumens: 646.1 lumens
Efficiency: N/A
Efficacy: 89.7 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0
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	114	112	110		113	111	110	108		107	106	105		104	103	102		100	100	99
2	112	109	106	104		110	107	105	103		104	102	101		101	100	98		99	98	96
3	109	105	102	99		107	104	101	98		101	99	97		99	97	95		97	95	94
4	106	101	98	95		105	100	97	95		99	96	94		97	94	93		95	93	92
5	104	98	95	92		102	98	94	92		96	93	91		95	92	90		93	91	90
6	101	96	92	89		100	95	92	89		94	91	89		93	90	88		92	89	88
7	99	93	90	87		98	93	89	87		92	89	86		91	88	86		90	87	86
8	97	91	87	85		96	91	87	85		90	87	85		89	86	84		88	86	84
9	95	89	85	83		94	89	85	83		88	85	83		87	84	82		87	84	82
10	93	87	84	81		92	87	83	81		86	83	81		86	83	81		85	83	81

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	979921
5°	825047
10°	515332
15°	192669
20°	66132
25°	27558
30°	12989
35°	5809
40°	2748
45°	1395
50°	512
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1395 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	311.7	48.2
10°-20°	256.7	39.7
20°-30°	58.3	9.0
30°-40°	14.9	2.3
40°-50°	3.7	0.6
50°-60°	0.5	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	626.8	97.0
0°-40°	641.6	99.3
0°-60°	645.9	100.0
0°-90°	646.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	646.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4469	
5°	3748	312
15°	849	257
25°	114	58
35°	22	15
45°	4	4
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4468.8
1°	4431.0
2°	4319.3
3°	4159.2
4°	3962.7
5°	3748.2
6°	3509.3
7°	3245.6
8°	2938.0
9°	2633.1
10°	2314.4
11°	1975.1
12°	1636.4
13°	1349.5
14°	1075.2
15°	848.7
16°	669.8
17°	528.4
18°	424.6
19°	345.3
20°	283.4
21°	236.9
22°	197.8
23°	164.4
24°	137.1
25°	113.9
27.5°	74.5
30°	51.3
32.5°	31.6
35°	21.7
37.5°	13.9
40°	9.6
42.5°	6.6
45°	4.5
47.5°	3.0
50°	1.5
52.5°	0.8
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.0
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)