

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: P1253882

Luminaire Tested: P3AS05R309035DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253882
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309035DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

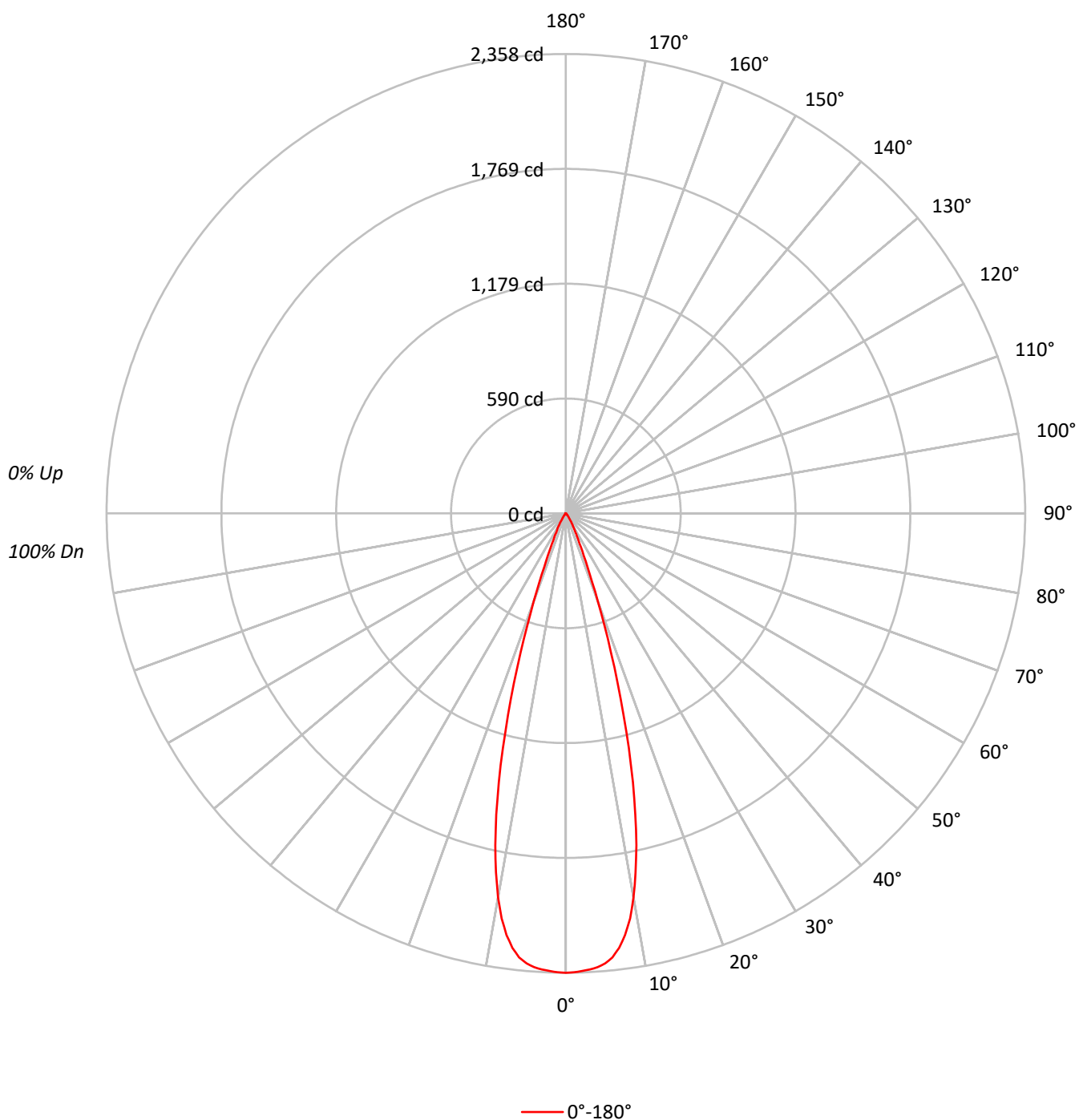
Lumens per Lamp: N/A
Luminaire Lumens: 650.1 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1253882

CATALOG NUMBER: P3AS05R309035DE010 E3D1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1253882

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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	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90
6	99	92	88	85	97	92	88	85	90	87	84		89	86	84		88
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		81
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		79

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	517152
5°	510410
10°	445639
15°	283248
20°	112220
25°	37478
30°	17446
35°	7897
40°	3034
45°	1489
50°	443
55°	191
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1489 cd/sqm

TEST NUMBER: P1253882

CATALOG NUMBER: P3AS05R309035DE010 E3D1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.0	32.6
10°-20°	328.8	50.6
20°-30°	84.8	13.0
30°-40°	19.9	3.1
40°-50°	3.9	0.6
50°-60°	0.5	0.1
60°-70°	0.3	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°	625.5	96.2
0°-40°	645.4	99.3
0°-60°	649.8	100.0
0°-90°	650.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	650.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2358	
5°	2319	212
15°	1248	329
25°	155	85
35°	30	20
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1253882

CATALOG NUMBER: P3AS05R309035DE010 E3D1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2358.4
1°	2356.7
2°	2351.1
3°	2344.8
4°	2335.5
5°	2318.8
6°	2291.8
7°	2246.9
8°	2185.6
9°	2105.6
10°	2001.4
11°	1877.5
12°	1742.3
13°	1586.6
14°	1423.6
15°	1247.7
16°	1075.4
17°	909.4
18°	750.1
19°	604.1
20°	480.9
21°	378.5
22°	297.7
23°	235.7
24°	188.7
25°	154.9
26°	129.2
27°	109.8
28°	94.9
29°	81.2
30°	68.9
32.5°	43.4
35°	29.5
37.5°	18.4
40°	10.6
42.5°	7.1
45°	4.8
47.5°	2.8
50°	1.3
52.5°	0.5
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



TEST NUMBER: P1253882

CATALOG NUMBER: P3AS05R309035DE010 E3D1WH

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.3
70°	0.0
72.5°	0.0
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)