

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: P1264270

Luminaire Tested: P3A05R309730DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264270
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: P3A05R309730DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

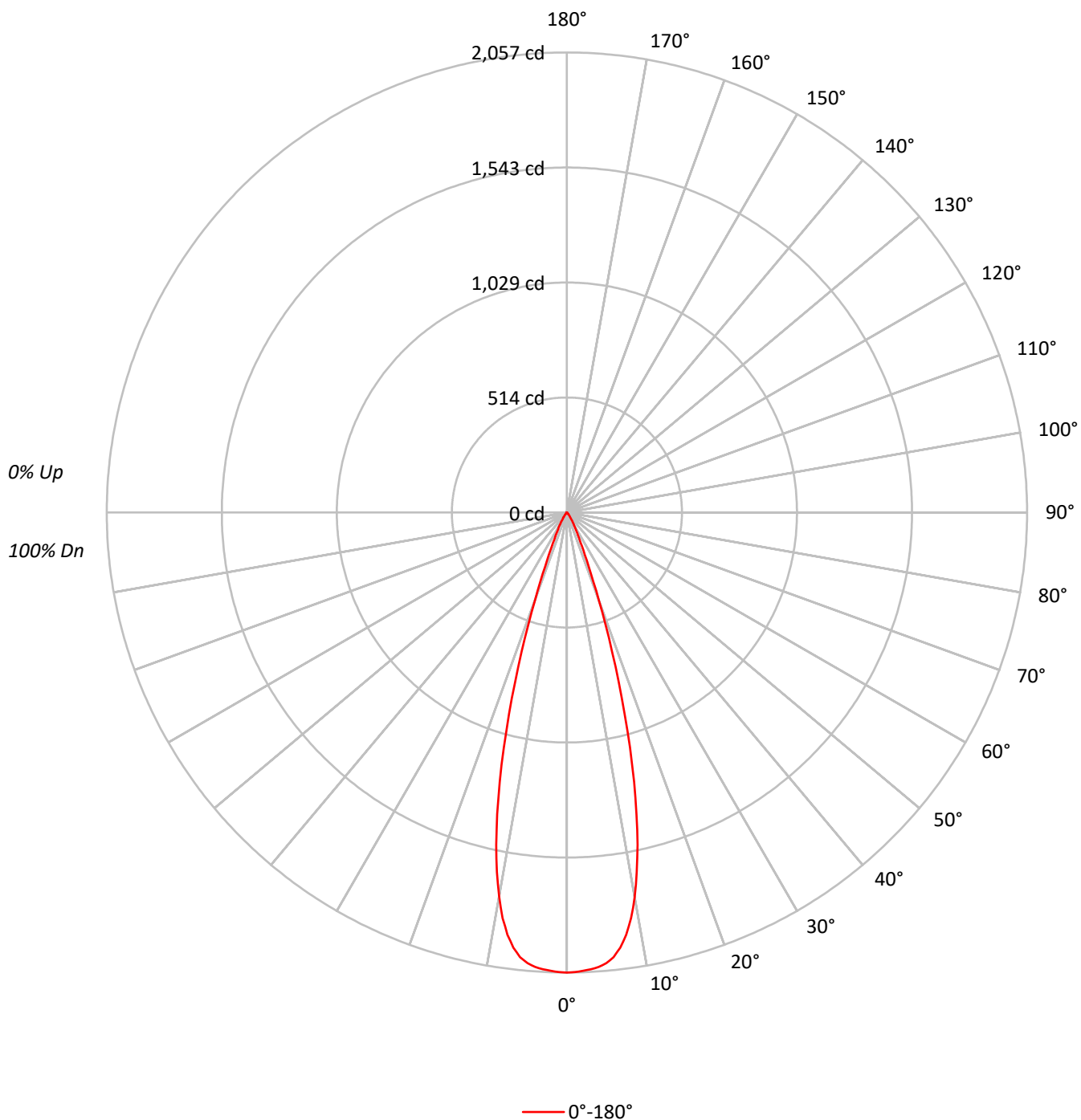
Lumens per Lamp: N/A
Luminaire Lumens: 567.0 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264270

CATALOG NUMBER: P3A05R309730DE010 E3D1WMH

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		113	111	109	108		107	106	104		103	102	101		100	99	98
2	111	108	105	102		109	106	103	101		103	101	99		100	98	97		97	96	95
3	108	103	100	97		106	102	99	96		99	97	95		97	95	93		95	93	92
4	105	99	95	92		103	98	95	92		96	93	91		94	92	90		93	91	89
5	101	96	92	89		100	95	91	88		93	90	87		92	89	87		90	88	86
6	99	92	88	85		97	92	88	85		90	87	85		89	86	84		88	85	83
7	96	89	85	82		95	89	85	82		88	84	82		87	84	81		86	83	81
8	93	87	83	80		92	86	82	80		85	82	79		84	81	79		84	81	79
9	91	84	80	77		90	84	80	77		83	79	77		82	79	77		82	79	77
10	88	82	78	75		88	81	78	75		81	77	75		80	77	75		80	77	75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	451126
5°	445233
10°	388726
15°	247084
20°	97892
25°	32687
30°	15218
35°	6906
40°	2634
45°	1302
50°	375
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1302 cd/sqm

TEST NUMBER: P1264270

CATALOG NUMBER: P3A05R309730DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.9	32.6
10°-20°	286.8	50.6
20°-30°	73.9	13.0
30°-40°	17.4	3.1
40°-50°	3.4	0.6
50°-60°	0.4	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°	545.7	96.2
0°-40°	563.0	99.3
0°-60°	566.8	100.0
0°-90°	567.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	567.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2057	
5°	2023	185
15°	1088	287
25°	135	74
35°	26	17
45°	4	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1264270

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2057.3
1°	2055.7
2°	2050.9
3°	2045.4
4°	2037.3
5°	2022.7
6°	1999.2
7°	1960.0
8°	1906.5
9°	1836.7
10°	1745.8
11°	1637.8
12°	1519.8
13°	1384.0
14°	1241.8
15°	1088.4
16°	938.1
17°	793.2
18°	654.4
19°	526.9
20°	419.5
21°	330.2
22°	259.7
23°	205.6
24°	164.6
25°	135.1
26°	112.7
27°	95.7
28°	82.8
29°	70.9
30°	60.1
32.5°	37.9
35°	25.8
37.5°	16.1
40°	9.2
42.5°	6.2
45°	4.2
47.5°	2.4
50°	1.1
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2



TEST NUMBER: P1264270

CATALOG NUMBER: P3A05R309730DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.2
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)