

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: P1256594

Luminaire Tested: P3AS05R309040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256594
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

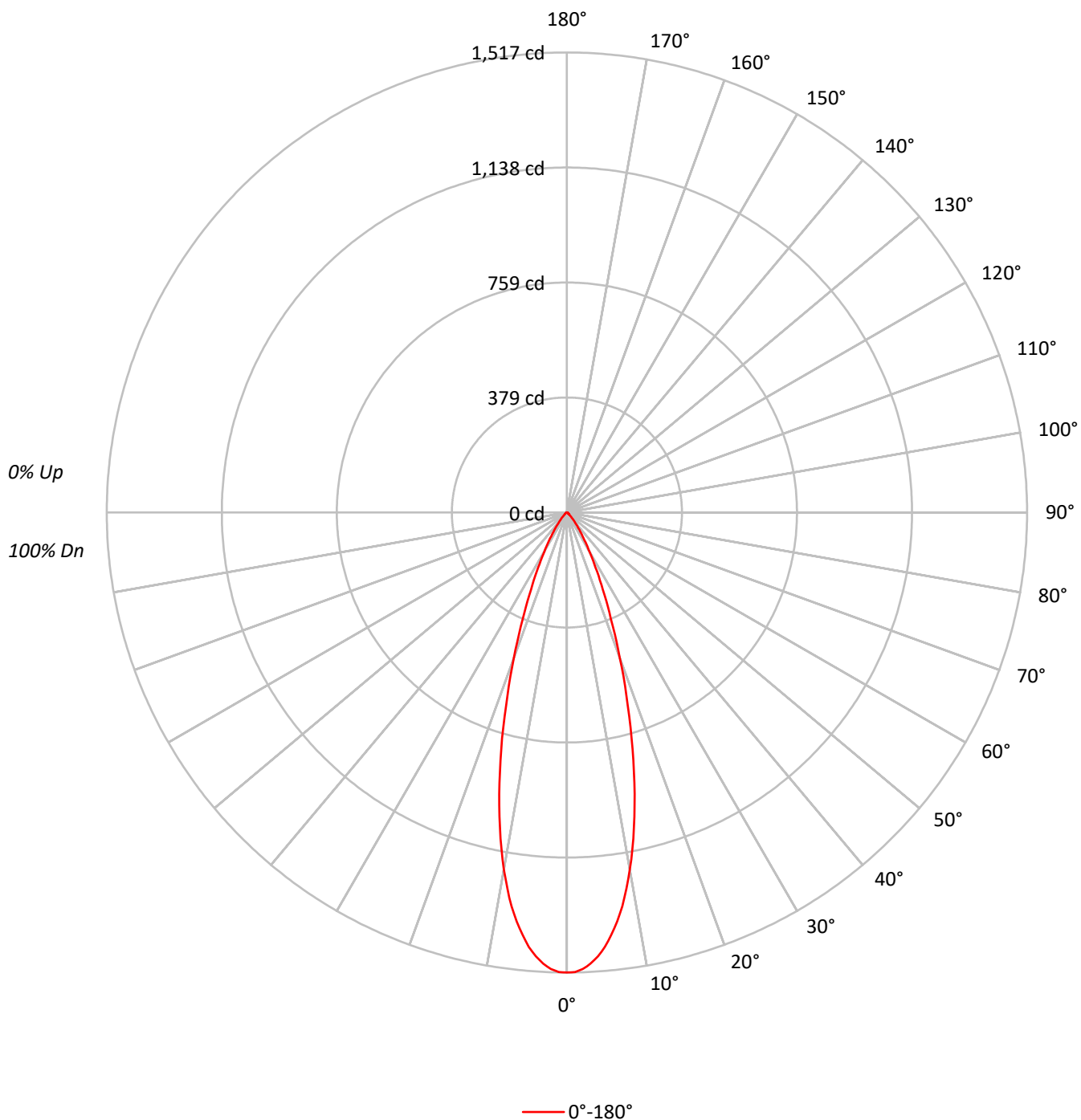
Lumens per Lamp: N/A
Luminaire Lumens: 570.0 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256594

CATALOG NUMBER: P3AS05R309040DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1256594

CATALOG NUMBER: P3AS05R309040DE010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	332605
5°	316574
10°	266283
15°	192033
20°	119127
25°	67746
30°	37626
35°	20478
40°	10792
45°	5830
50°	3138
55°	2064
60°	1886
65°	1972
70°	1731
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5830 cd/sqm

TEST NUMBER: P1256594

CATALOG NUMBER: P3AS05R309040DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.5	22.7
10°-20°	230.2	40.4
20°-30°	133.0	23.3
30°-40°	50.5	8.9
40°-50°	15.5	2.7
50°-60°	5.2	0.9
60°-70°	3.5	0.6
70°-80°	1.9	0.3
80°-90°	0.6	0.1
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°	492.7	86.4
0°-40°	543.2	95.3
0°-60°	564.0	98.9
0°-90°	570.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	570.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1517	
5°	1438	130
15°	846	230
25°	280	133
35°	76	51
45°	19	15
55°	5	5
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1256594

CATALOG NUMBER: P3AS05R309040DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1516.8
1°	1515.8
2°	1506.6
3°	1489.4
4°	1467.8
5°	1438.2
6°	1400.5
7°	1358.5
8°	1311.7
9°	1255.7
10°	1195.9
11°	1131.3
12°	1062.9
13°	991.3
14°	918.6
15°	845.9
17.5°	667.1
20°	510.5
22.5°	378.5
25°	280.0
27.5°	203.5
30°	148.6
32.5°	107.2
35°	76.5
37.5°	53.3
40°	37.7
42.5°	26.4
45°	18.8
47.5°	12.9
50°	9.2
52.5°	6.5
55°	5.4
57.5°	4.8
60°	4.3
62.5°	3.8
65°	3.8
67.5°	3.2
70°	2.7
72.5°	2.2
75°	1.6
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.0



TEST NUMBER: P1256594

CATALOG NUMBER: P3AS05R309040DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)