

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: P1253889

Luminaire Tested: P3AS05R309035DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253889
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: P3AS05R309035DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

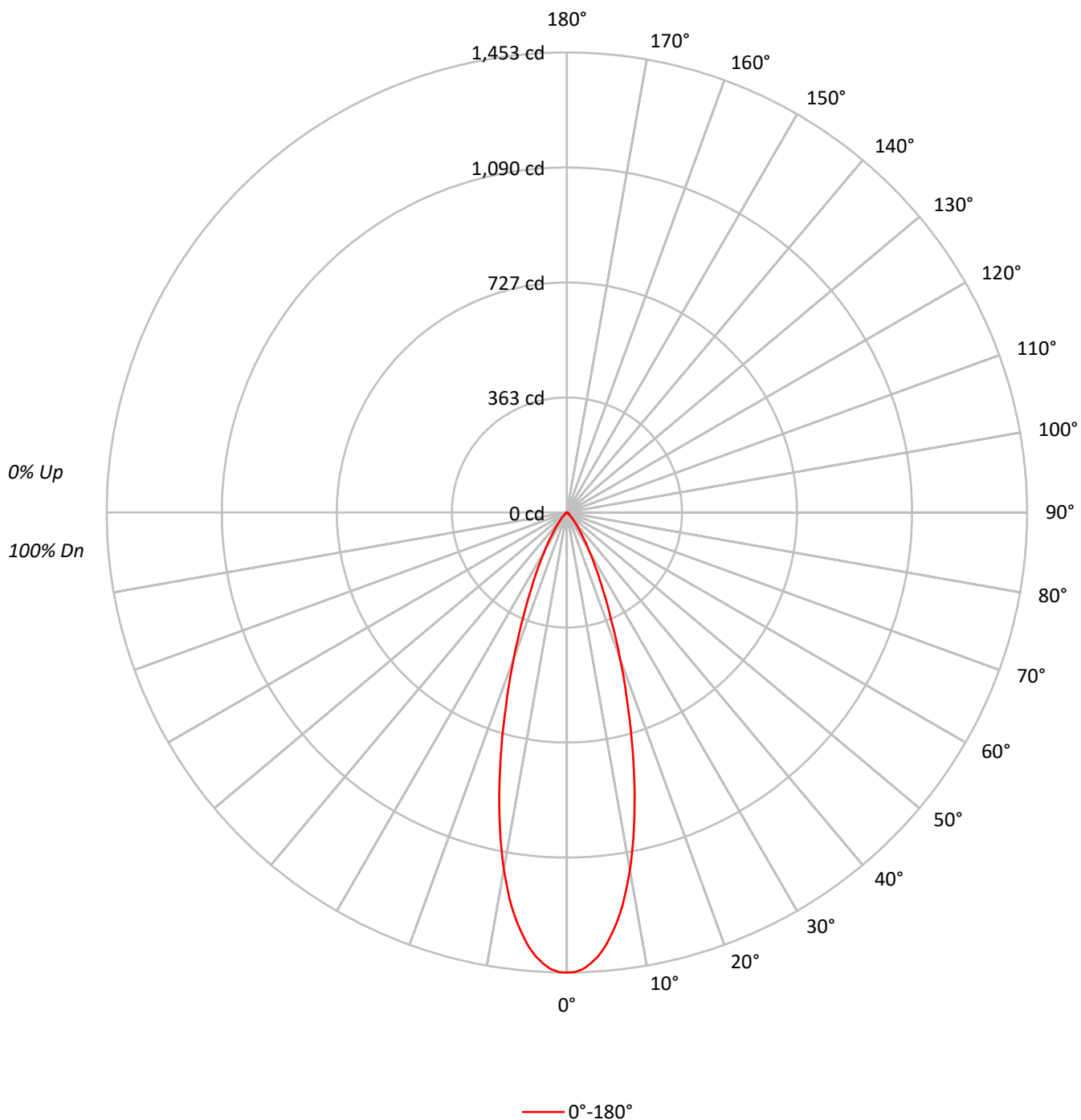
Lumens per Lamp: N/A
Luminaire Lumens: 546.0 lumens
Efficiency: N/A
Efficacy: 75.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
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		79
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°	318615
5°	303257
10°	255083
15°	183951
20°	114110
25°	64891
30°	36056
35°	19595
40°	10334
45°	5613
50°	3002
55°	1988
60°	1798
65°	1868
70°	1667
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5613 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.1	22.7
10°-20°	220.5	40.4
20°-30°	127.5	23.3
30°-40°	48.4	8.9
40°-50°	14.9	2.7
50°-60°	5.0	0.9
60°-70°	3.4	0.6
70°-80°	1.8	0.3
80°-90°	0.5	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°	472.0	86.5
0°-40°	520.4	95.3
0°-60°	540.3	98.9
0°-90°	546.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	546.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1453	
5°	1378	124
15°	810	221
25°	268	127
35°	73	48
45°	18	15
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1453.0
1°	1451.9
2°	1443.2
3°	1426.7
4°	1406.0
5°	1377.7
6°	1341.6
7°	1301.3
8°	1256.5
9°	1202.8
10°	1145.6
11°	1083.7
12°	1018.2
13°	949.6
14°	879.9
15°	810.3
17.5°	639.1
20°	489.0
22.5°	362.6
25°	268.2
27.5°	195.0
30°	142.4
32.5°	102.6
35°	73.2
37.5°	51.1
40°	36.1
42.5°	25.3
45°	18.1
47.5°	12.4
50°	8.8
52.5°	6.2
55°	5.2
57.5°	4.6
60°	4.1
62.5°	3.6
65°	3.6
67.5°	3.1
70°	2.6
72.5°	2.1
75°	1.5
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)