

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: P1271424

Luminaire Tested: P3AS05R609827DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609827DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

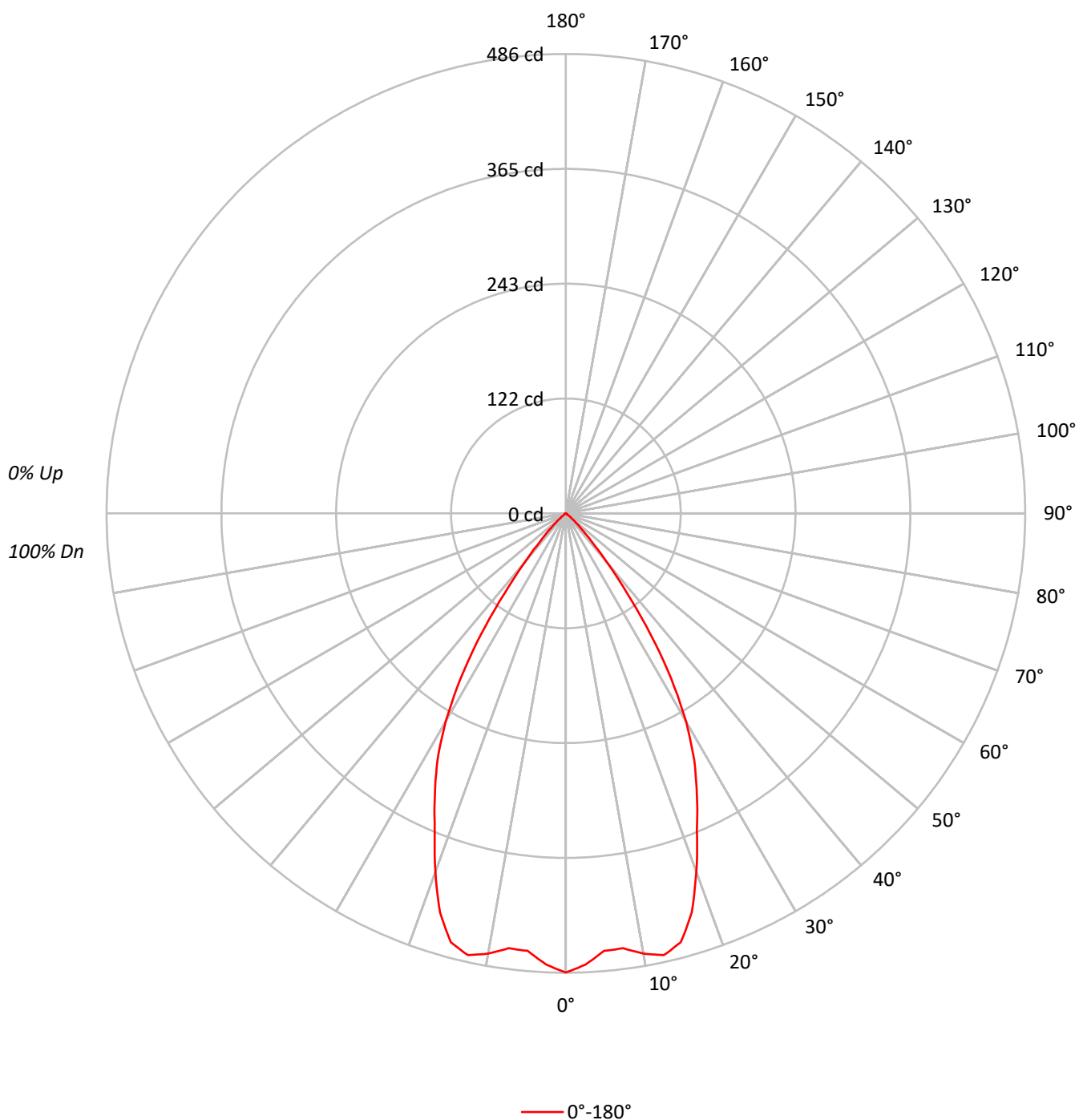
Lumens per Lamp: N/A
Luminaire Lumens: 445.9 lumens
Efficiency: N/A
Efficacy: 61.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	79	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106505
5°	102267
10°	105298
15°	106652
20°	94182
25°	79359
30°	64364
35°	41921
40°	19265
45°	7381
50°	2456
55°	650
60°	614
65°	519
70°	449
75°	593
80°	379
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7381 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	10.0
10°-20°	128.7	28.9
20°-30°	150.1	33.7
30°-40°	96.8	21.7
40°-50°	21.7	4.9
50°-60°	2.2	0.5
60°-70°	1.0	0.2
70°-80°	0.6	0.1
80°-90°	0.2	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°	323.4	72.5
0°-40°	420.3	94.2
0°-60°	444.1	99.6
0°-90°	445.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	445.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	486	
5°	465	45
15°	470	129
25°	328	150
35°	157	97
45°	24	22
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	485.7
2.5°	477.8
5°	464.6
7.5°	464.0
10°	472.9
12.5°	478.8
15°	469.8
17.5°	442.9
20°	403.6
22.5°	362.5
25°	328.0
27.5°	294.2
30°	254.2
32.5°	207.3
35°	156.6
37.5°	106.9
40°	67.3
42.5°	40.4
45°	23.8
47.5°	13.8
50°	7.2
52.5°	2.4
55°	1.7
57.5°	1.4
60°	1.4
62.5°	1.0
65°	1.0
67.5°	1.0
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)