

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: P1261981

Luminaire Tested: P3AS05R459727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

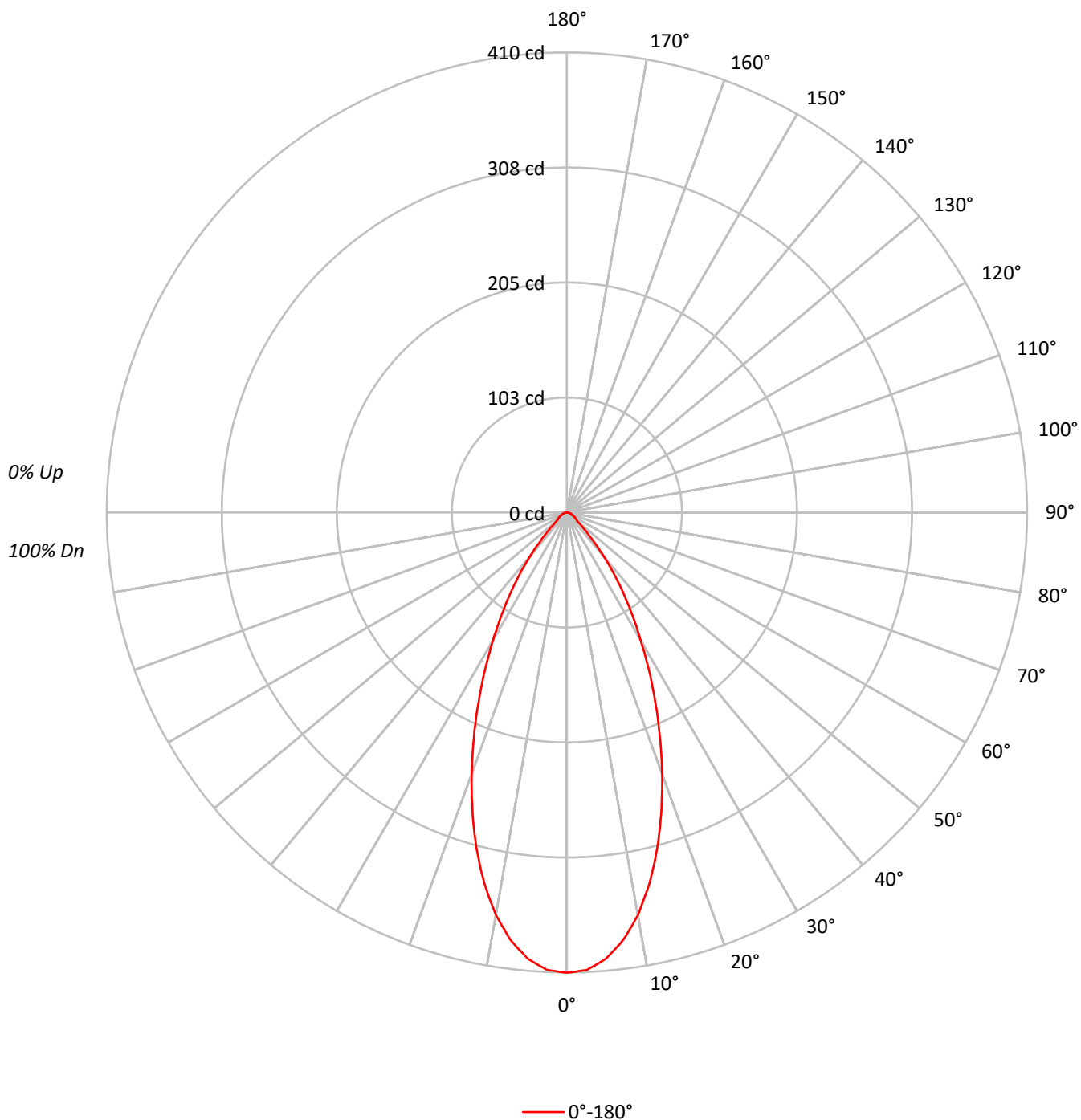
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 41.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	89949
5°	87893
10°	81094
15°	70511
20°	57918
25°	45075
30°	33271
35°	23423
40°	14627
45°	7908
50°	4298
55°	3670
60°	3289
65°	2802
70°	2436
75°	2457
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7908 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.0	12.2
10°-20°	85.9	28.4
20°-30°	85.2	28.2
30°-40°	54.9	18.2
40°-50°	21.1	7.0
50°-60°	8.6	2.8
60°-70°	5.4	1.8
70°-80°	2.9	1.0
80°-90°	0.9	0.3
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°	208.1	68.9
0°-40°	263.0	87.1
0°-60°	292.7	96.9
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	410	
5°	399	37
15°	311	86
25°	186	85
35°	88	55
45°	26	21
55°	10	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	410.2
2.5°	408.1
5°	399.3
7.5°	384.3
10°	364.2
12.5°	339.1
15°	310.6
17.5°	279.6
20°	248.2
22.5°	216.4
25°	186.3
27.5°	157.8
30°	131.4
32.5°	108.4
35°	87.5
37.5°	68.6
40°	51.1
42.5°	36.8
45°	25.5
47.5°	17.2
50°	12.6
52.5°	10.5
55°	9.6
57.5°	8.4
60°	7.5
62.5°	6.3
65°	5.4
67.5°	4.6
70°	3.8
72.5°	3.3
75°	2.9
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)