

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: P1251356

Luminaire Tested: P3AS05R609030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

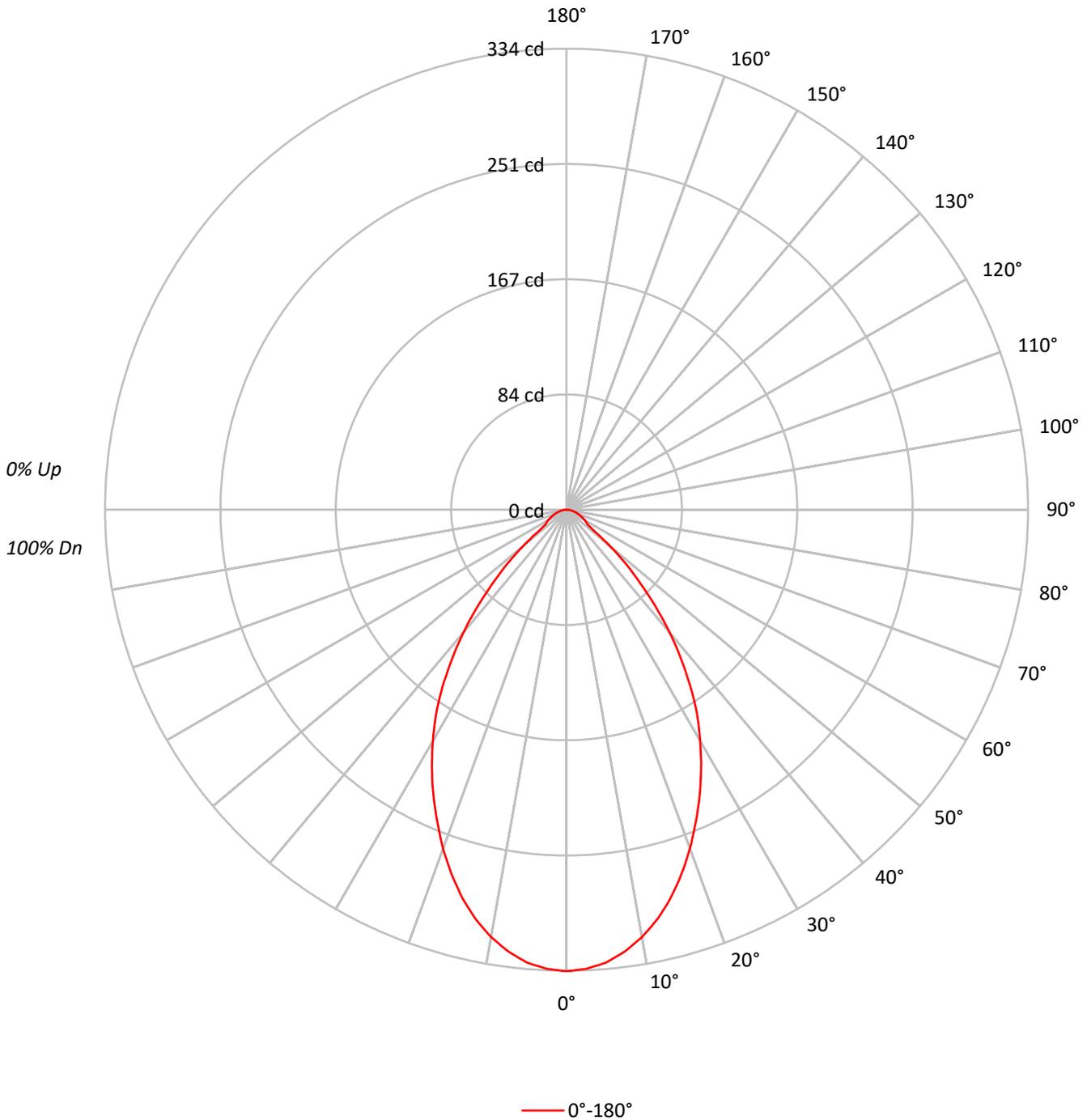
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 412.9 lumens
Efficiency: N/A
Efficacy: 57.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	98	93	89	94	90	87	91	88	85	88	86	84	82			82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			74
4	92	83	77	72	90	82	76	71	80	75	71	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73306
5°	72485
10°	69983
15°	66107
20°	60952
25°	55189
30°	48995
35°	41867
40°	33291
45°	23475
50°	14021
55°	7073
60°	6798
65°	6226
70°	5770
75°	5507
80°	5051
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23475 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.9	7.5
10°-20°	81.4	19.7
20°-30°	104.5	25.3
30°-40°	96.9	23.5
40°-50°	59.0	14.3
50°-60°	19.6	4.8
60°-70°	11.9	2.9
70°-80°	6.7	1.6
80°-90°	1.9	0.5
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°	216.8	52.5
0°-40°	313.7	76.0
0°-60°	392.3	95.0
0°-90°	412.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	334	
5°	329	31
15°	291	81
25°	228	105
35°	156	97
45°	76	59
55°	18	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	334.3
2.5°	332.8
5°	329.3
7.5°	322.8
10°	314.3
12.5°	303.8
15°	291.2
17.5°	276.7
20°	261.2
22.5°	244.6
25°	228.1
27.5°	211.0
30°	193.5
32.5°	175.9
35°	156.4
37.5°	135.8
40°	116.3
42.5°	95.7
45°	75.7
47.5°	58.6
50°	41.1
52.5°	24.6
55°	18.5
57.5°	17.0
60°	15.5
62.5°	13.5
65°	12.0
67.5°	10.5
70°	9.0
72.5°	7.5
75°	6.5
77.5°	5.0
80°	4.0
82.5°	2.5
85°	1.5
87.5°	1.0
90°	0.0

(END OF REPORT)