

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: P1251386

Luminaire Tested: P3AS05R659030DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251386
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659030DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

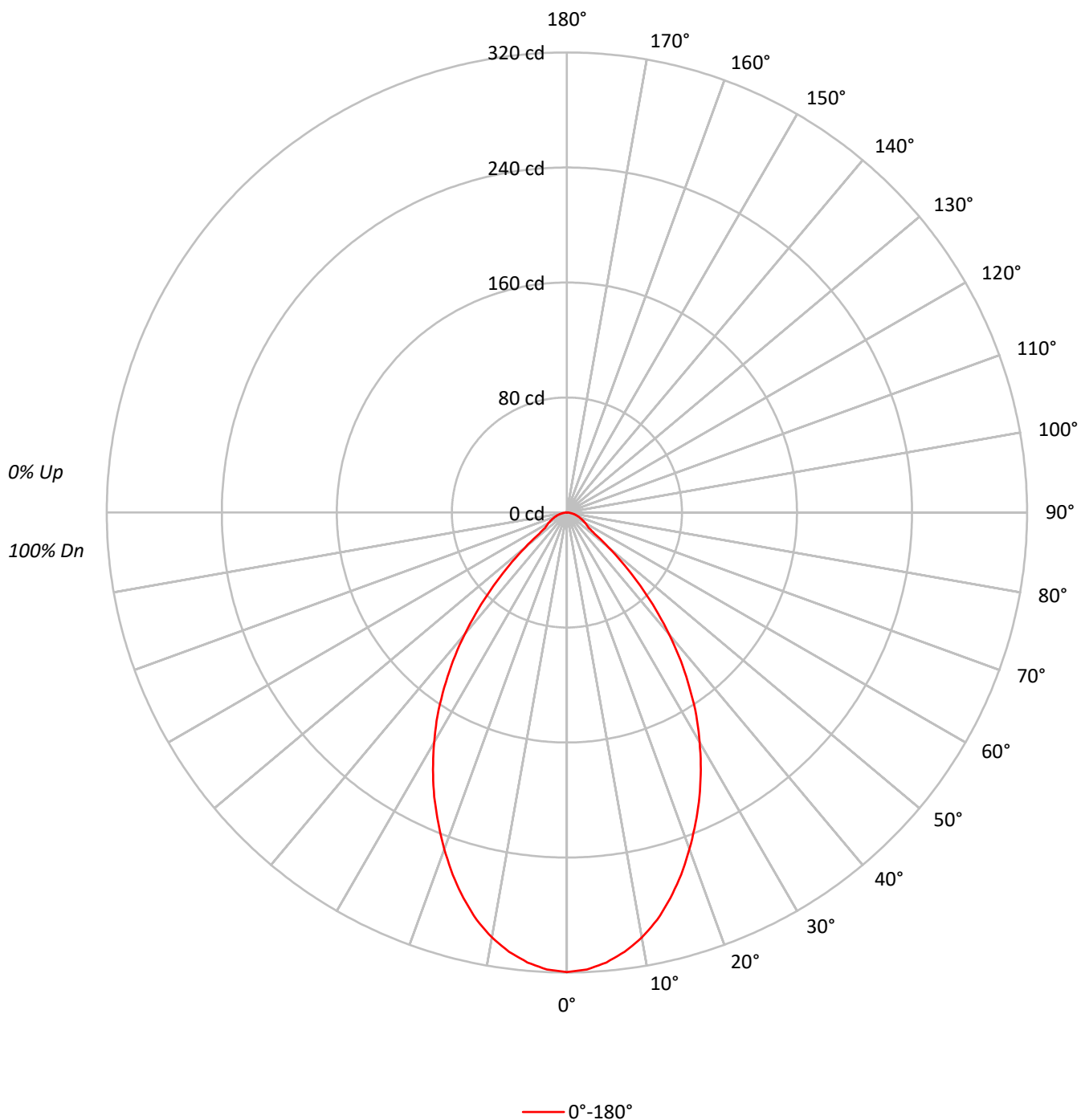
Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70104
5°	69161
10°	66844
15°	63042
20°	58152
25°	52793
30°	46741
35°	39779
40°	31659
45°	22359
50°	12963
55°	7073
60°	6578
65°	5967
70°	5450
75°	5083
80°	4420
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22359 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.5	7.5
10°-20°	77.7	19.7
20°-30°	99.9	25.3
30°-40°	92.4	23.4
40°-50°	55.8	14.2
50°-60°	19.0	4.8
60°-70°	11.4	2.9
70°-80°	6.5	1.6
80°-90°	1.8	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°	207.1	52.6
0°-40°	299.5	76.0
0°-60°	374.2	95.0
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	320	
5°	314	30
15°	278	78
25°	218	100
35°	149	92
45°	72	56
55°	18	19
65°	12	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	319.7
2.5°	318.2
5°	314.2
7.5°	308.2
10°	300.2
12.5°	290.2
15°	277.7
17.5°	264.2
20°	249.2
22.5°	233.7
25°	218.2
27.5°	201.7
30°	184.6
32.5°	167.6
35°	148.6
37.5°	130.1
40°	110.6
42.5°	91.1
45°	72.1
47.5°	54.5
50°	38.0
52.5°	24.0
55°	18.5
57.5°	16.5
60°	15.0
62.5°	13.0
65°	11.5
67.5°	10.0
70°	8.5
72.5°	7.5
75°	6.0
77.5°	5.0
80°	3.5
82.5°	2.5
85°	1.5
87.5°	1.0
90°	0.0

(END OF REPORT)