

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: P1256539

Luminaire Tested: P3AS05R209040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

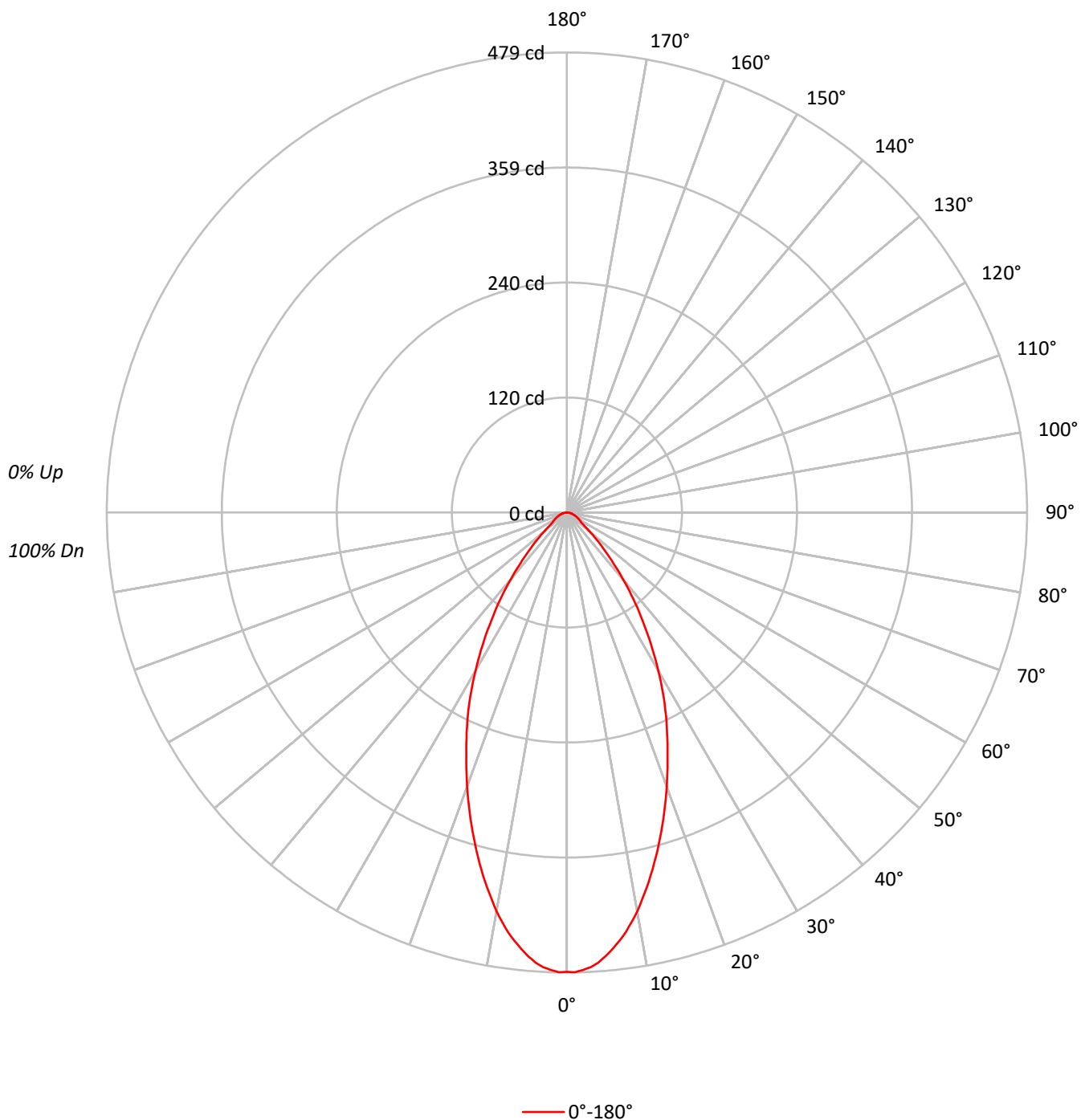
Lumens per Lamp: N/A
Luminaire Lumens: 423.9 lumens
Efficiency: N/A
Efficacy: 58.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		90	87	85
3	100	93	87	82		98	91	86	82		88	84	80		86	82	79		84	81	78
4	94	86	79	75		92	85	79	74		82	77	73		80	76	72		78	75	72
5	89	80	73	68		87	79	73	68		77	71	67		75	70	67		73	69	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	80	69	63	58		78	69	62	58		67	62	58		66	61	57		65	60	57
8	75	65	59	54		74	64	58	54		63	58	54		62	57	53		61	57	53
9	72	61	55	50		70	61	55	50		60	54	50		59	54	50		58	53	50
10	68	58	51	47		67	57	51	47		56	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104882
5°	102069
10°	93897
15°	82657
20°	70893
25°	59544
30°	48134
35°	36620
40°	26049
45°	17211
50°	10644
55°	6996
60°	6359
65°	5863
70°	5514
75°	4999
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17211 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	10.1
10°-20°	101.4	23.9
20°-30°	112.5	26.5
30°-40°	85.8	20.2
40°-50°	43.9	10.4
50°-60°	18.0	4.3
60°-70°	11.2	2.7
70°-80°	6.3	1.5
80°-90°	1.8	0.4
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°	256.8	60.6
0°-40°	342.6	80.8
0°-60°	404.6	95.4
0°-90°	423.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	423.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	464	43
15°	364	101
25°	246	113
35°	137	86
45°	56	44
55°	18	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	478.3
1°	478.8
2°	476.7
3°	474.0
4°	469.7
5°	463.7
6°	456.7
7°	449.2
8°	441.1
9°	431.4
10°	421.7
12.5°	393.7
15°	364.1
17.5°	333.9
20°	303.8
22.5°	273.6
25°	246.1
27.5°	218.7
30°	190.1
32.5°	163.2
35°	136.8
37.5°	113.6
40°	91.0
42.5°	71.6
45°	55.5
47.5°	42.0
50°	31.2
52.5°	23.2
55°	18.3
57.5°	16.7
60°	14.5
62.5°	12.9
65°	11.3
67.5°	9.7
70°	8.6
72.5°	7.0
75°	5.9
77.5°	4.8
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)