

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: P1253839

Luminaire Tested: P3AS05R209035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253839
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

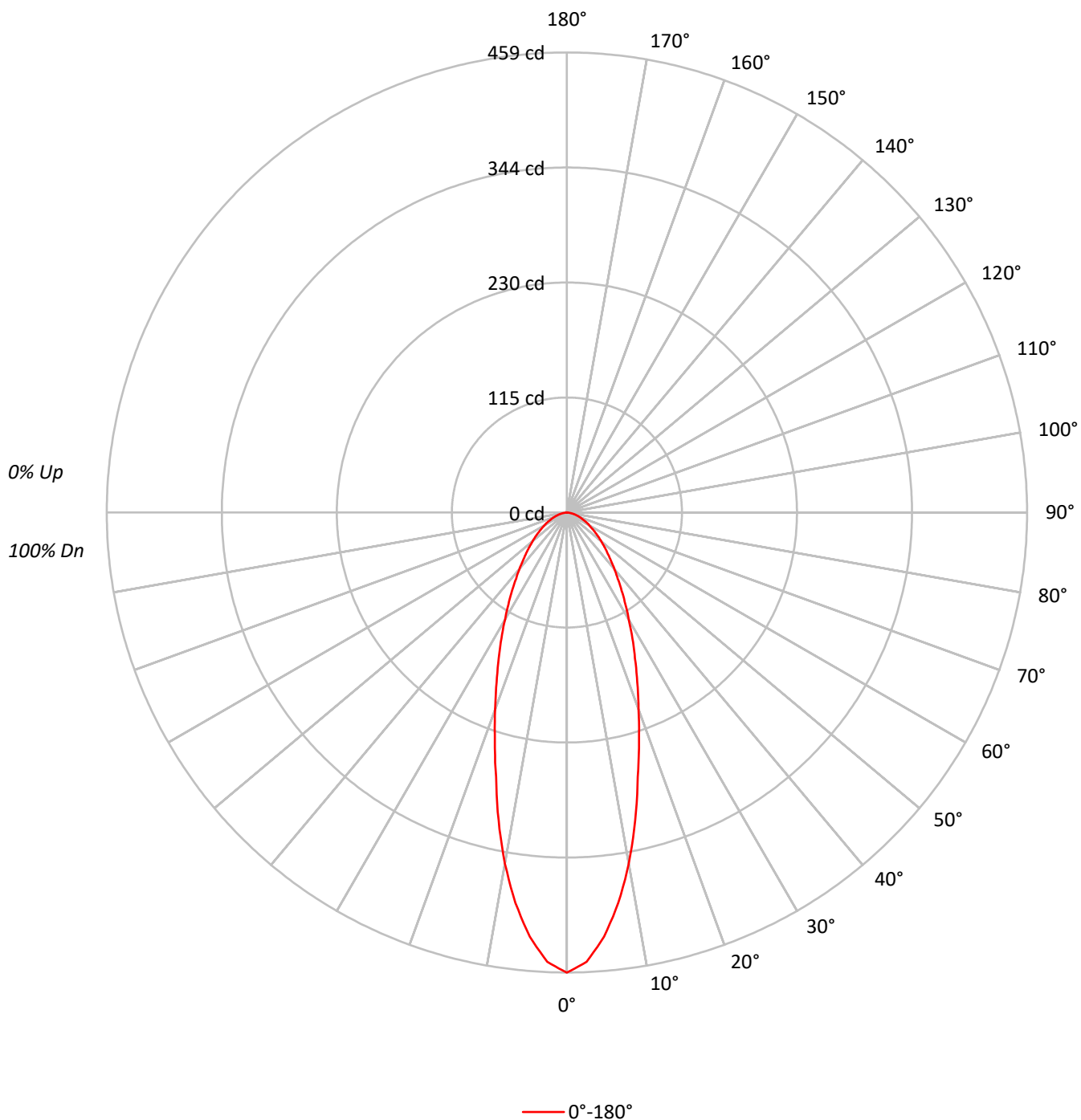
Lumens per Lamp: N/A
Luminaire Lumens: 355.0 lumens
Efficiency: N/A
Efficacy: 49.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100672
5°	93528
10°	79201
15°	61998
20°	48794
25°	38881
30°	31271
35°	25484
40°	21097
45°	17769
50°	15215
55°	13075
60°	11403
65°	10014
70°	8591
75°	7540
80°	5683
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17769 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.4	10.8
10°-20°	76.5	21.5
20°-30°	74.2	20.9
30°-40°	60.0	16.9
40°-50°	44.6	12.6
50°-60°	30.9	8.7
60°-70°	19.4	5.5
70°-80°	9.4	2.7
80°-90°	1.6	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°	189.1	53.3
0°-40°	249.0	70.2
0°-60°	324.5	91.4
0°-90°	355.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	355.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	459	
5°	425	38
15°	273	76
25°	161	74
35°	95	60
45°	57	45
55°	34	31
65°	19	19
75°	9	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	459.1
2.5°	448.7
5°	424.9
7.5°	392.9
10°	355.7
12.5°	314.8
15°	273.1
17.5°	238.9
20°	209.1
22.5°	183.1
25°	160.7
27.5°	141.4
30°	123.5
32.5°	108.6
35°	95.2
37.5°	83.3
40°	73.7
42.5°	64.7
45°	57.3
47.5°	50.6
50°	44.6
52.5°	39.4
55°	34.2
57.5°	29.8
60°	26.0
62.5°	23.1
65°	19.3
67.5°	16.4
70°	13.4
72.5°	11.2
75°	8.9
77.5°	6.7
80°	4.5
82.5°	2.2
85°	1.5
87.5°	0.0
90°	0.0

(END OF REPORT)