

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: P1275353

Luminaire Tested: P3AS05R209835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275353
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: P3AS05R209835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

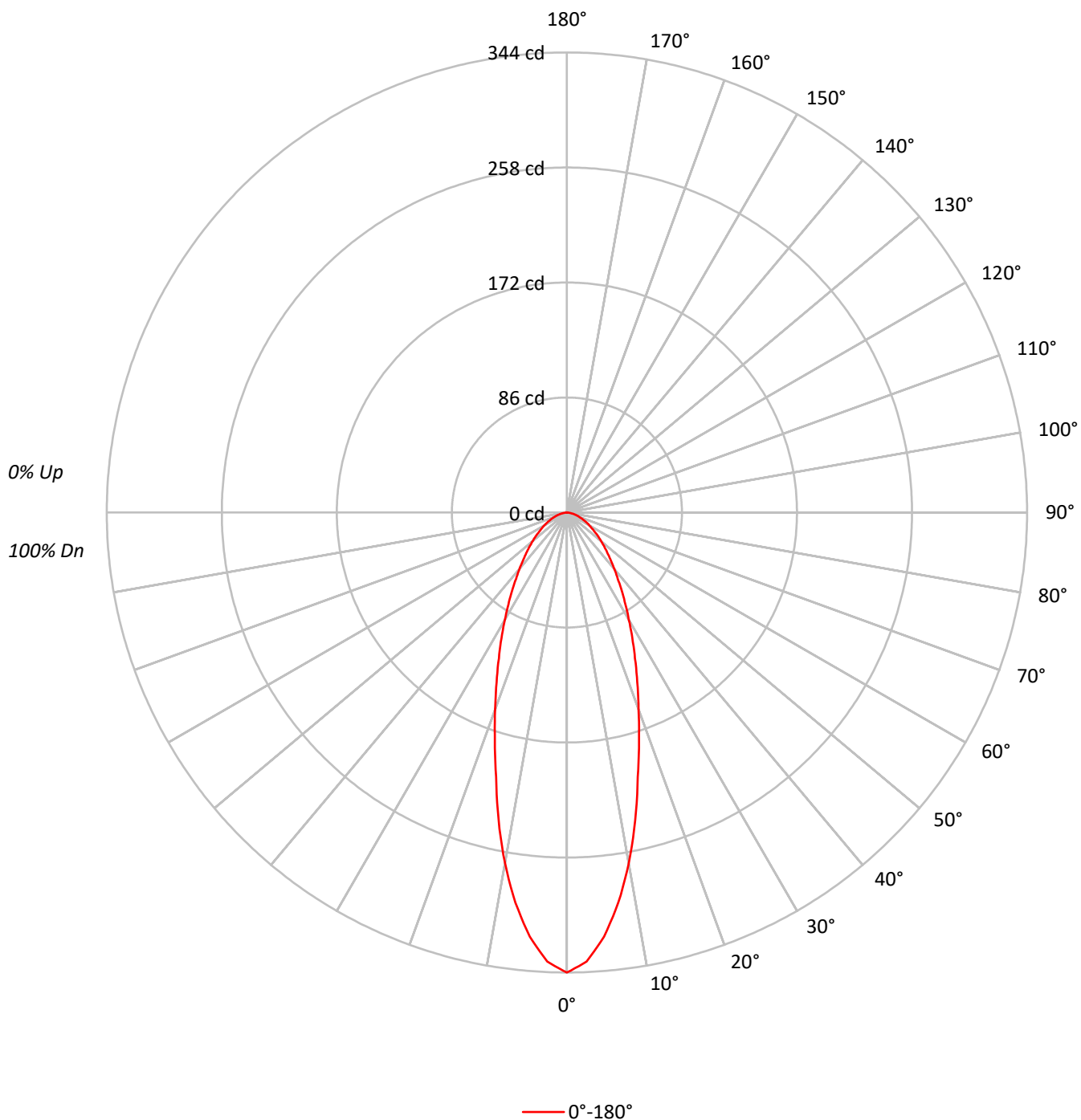
Lumens per Lamp: N/A
Luminaire Lumens: 266.0 lumens
Efficiency: N/A
Efficacy: 36.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1275353

CATALOG NUMBER: P3AS05R209835DE010 E3PHLD1MW

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°	75433
5°	70086
10°	59340
15°	46447
20°	36567
25°	29131
30°	23447
35°	19113
40°	15801
45°	13304
50°	11428
55°	9787
60°	8552
65°	7524
70°	6411
75°	5676
80°	4167
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13304 cd/sqm

TEST NUMBER: P1275353

CATALOG NUMBER: P3AS05R209835DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.7	10.8
10°-20°	57.3	21.5
20°-30°	55.6	20.9
30°-40°	44.9	16.9
40°-50°	33.4	12.6
50°-60°	23.2	8.7
60°-70°	14.5	5.5
70°-80°	7.0	2.6
80°-90°	1.2	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°	141.7	53.3
0°-40°	186.6	70.2
0°-60°	243.2	91.4
0°-90°	266.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	266.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	344	
5°	318	29
15°	205	57
25°	120	56
35°	71	45
45°	43	33
55°	26	23
65°	14	15
75°	7	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	344.0
2.5°	336.2
5°	318.4
7.5°	294.4
10°	266.5
12.5°	235.9
15°	204.6
17.5°	179.0
20°	156.7
22.5°	137.2
25°	120.4
27.5°	105.9
30°	92.6
32.5°	81.4
35°	71.4
37.5°	62.4
40°	55.2
42.5°	48.5
45°	42.9
47.5°	37.9
50°	33.5
52.5°	29.6
55°	25.6
57.5°	22.3
60°	19.5
62.5°	17.3
65°	14.5
67.5°	12.3
70°	10.0
72.5°	8.4
75°	6.7
77.5°	5.0
80°	3.3
82.5°	1.7
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)