

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: P1275698

Luminaire Tested: P3AS09R209835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275698
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: P3AS09R209835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

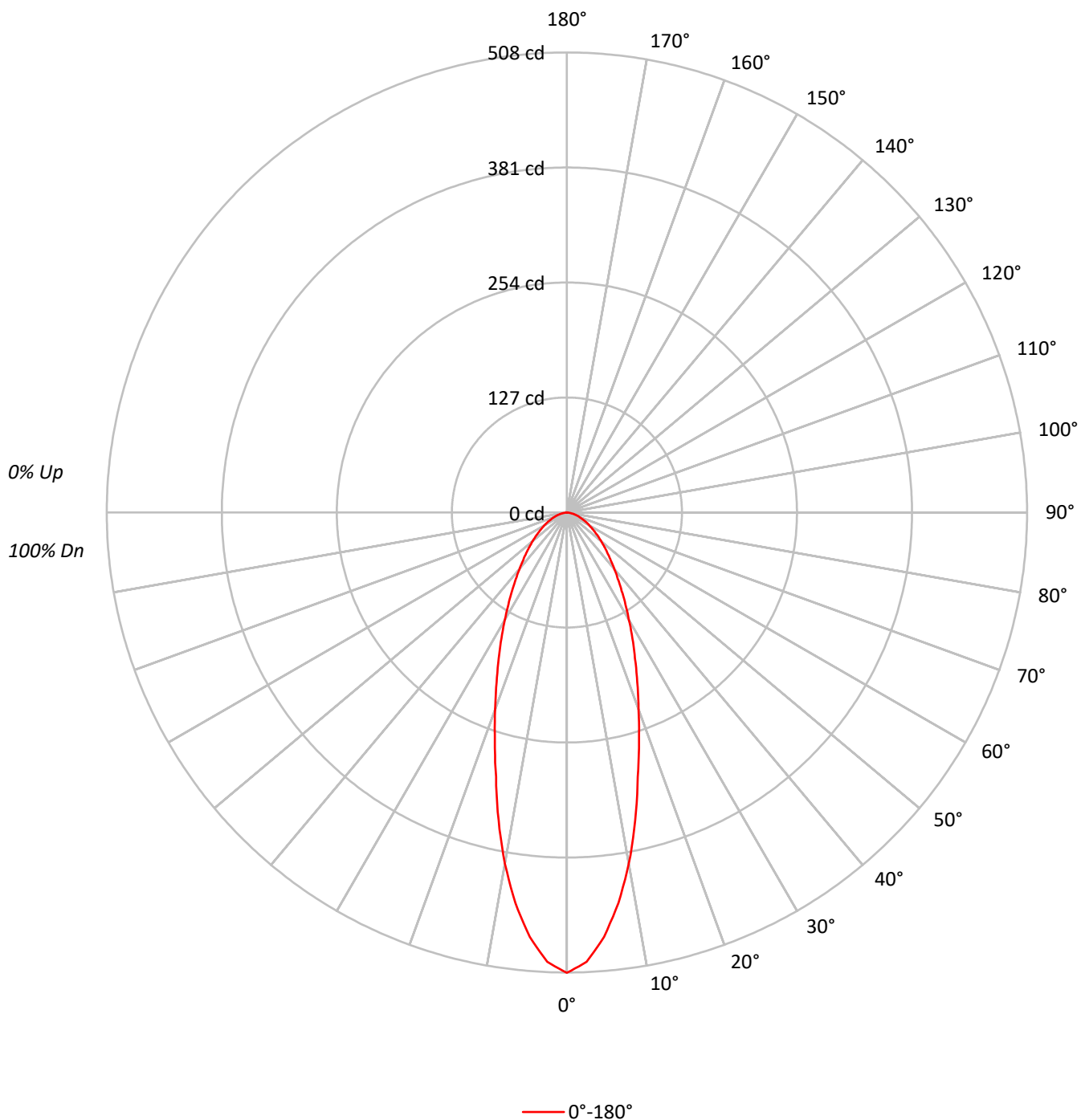
Lumens per Lamp: N/A
Luminaire Lumens: 393.0 lumens
Efficiency: N/A
Efficacy: 35.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1275698

CATALOG NUMBER: P3AS09R209835DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1275698

CATALOG NUMBER: P3AS09R209835DE010 E3PHLD1MW

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°	111460
5°	103544
10°	87685
15°	68627
20°	54021
25°	43043
30°	34613
35°	28215
40°	23358
45°	19661
50°	16852
55°	14489
60°	12631
65°	11104
70°	9489
75°	8388
80°	6188
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19661 cd/sqm

TEST NUMBER: P1275698

CATALOG NUMBER: P3AS09R209835DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	10.8
10°-20°	84.6	21.5
20°-30°	82.2	20.9
30°-40°	66.4	16.9
40°-50°	49.3	12.6
50°-60°	34.3	8.7
60°-70°	21.4	5.5
70°-80°	10.4	2.7
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°	209.3	53.3
0°-40°	275.7	70.2
0°-60°	359.3	91.4
0°-90°	393.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	393.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	508	
5°	470	42
15°	302	85
25°	178	82
35°	105	66
45°	63	49
55°	38	34
65°	21	21
75°	10	10
85°	2	2
90°	0	

TEST NUMBER: P1275698

CATALOG NUMBER: P3AS09R209835DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	508.3
2.5°	496.7
5°	470.4
7.5°	435.0
10°	393.8
12.5°	348.5
15°	302.3
17.5°	264.4
20°	231.5
22.5°	202.6
25°	177.9
27.5°	156.5
30°	136.7
32.5°	120.3
35°	105.4
37.5°	92.3
40°	81.6
42.5°	71.7
45°	63.4
47.5°	56.0
50°	49.4
52.5°	43.7
55°	37.9
57.5°	33.0
60°	28.8
62.5°	25.5
65°	21.4
67.5°	18.1
70°	14.8
72.5°	12.4
75°	9.9
77.5°	7.4
80°	4.9
82.5°	2.5
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)