

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: P1275730

Luminaire Tested: P3AS09R259835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275730
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

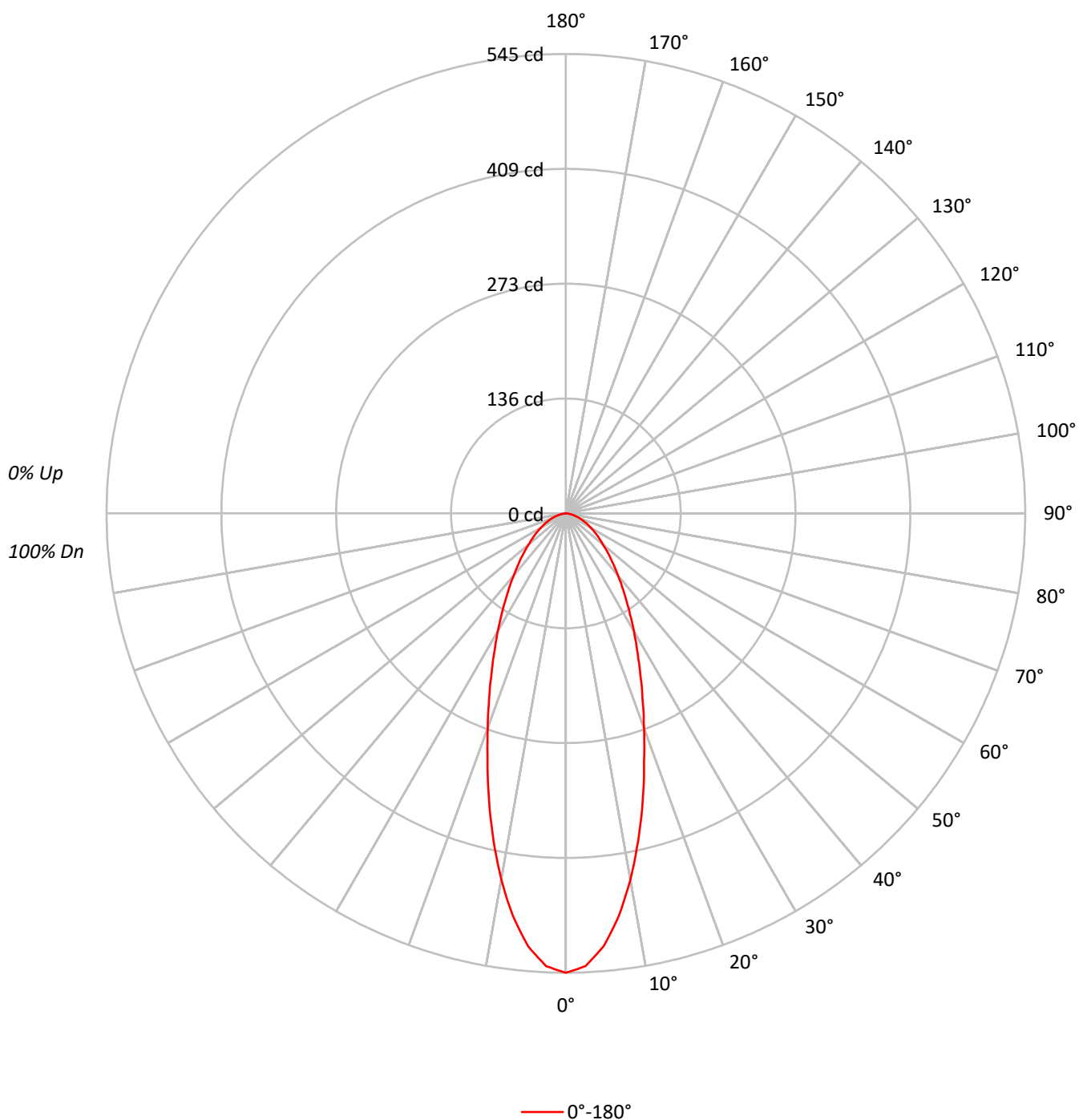
Lumens per Lamp: N/A
Luminaire Lumens: 458.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119508
5°	113427
10°	98239
15°	79978
20°	63192
25°	50398
30°	40867
35°	33274
40°	27566
45°	23227
50°	19650
55°	17318
60°	15174
65°	13231
70°	11605
75°	9743
80°	7324
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23227 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	10.2
10°-20°	97.7	21.3
20°-30°	96.3	21.0
30°-40°	78.4	17.1
40°-50°	58.2	12.7
50°-60°	40.6	8.9
60°-70°	25.4	5.6
70°-80°	12.2	2.7
80°-90°	2.3	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°	240.8	52.6
0°-40°	319.2	69.7
0°-60°	418.0	91.3
0°-90°	458.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	458.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	545	
5°	515	47
15°	352	98
25°	208	96
35°	124	78
45°	75	58
55°	45	41
65°	26	25
75°	12	12
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	545.0
2.5°	537.6
5°	515.3
7.5°	481.6
10°	441.2
12.5°	396.8
15°	352.3
17.5°	308.7
20°	270.8
22.5°	237.9
25°	208.3
27.5°	182.8
30°	161.4
32.5°	141.6
35°	124.3
37.5°	109.5
40°	96.3
42.5°	84.8
45°	74.9
47.5°	65.9
50°	57.6
52.5°	51.0
55°	45.3
57.5°	39.5
60°	34.6
62.5°	29.6
65°	25.5
67.5°	21.4
70°	18.1
72.5°	14.8
75°	11.5
77.5°	8.2
80°	5.8
82.5°	3.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)