

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: P1256954

Luminaire Tested: P3AS09R259040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256954
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: P3AS09R259040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

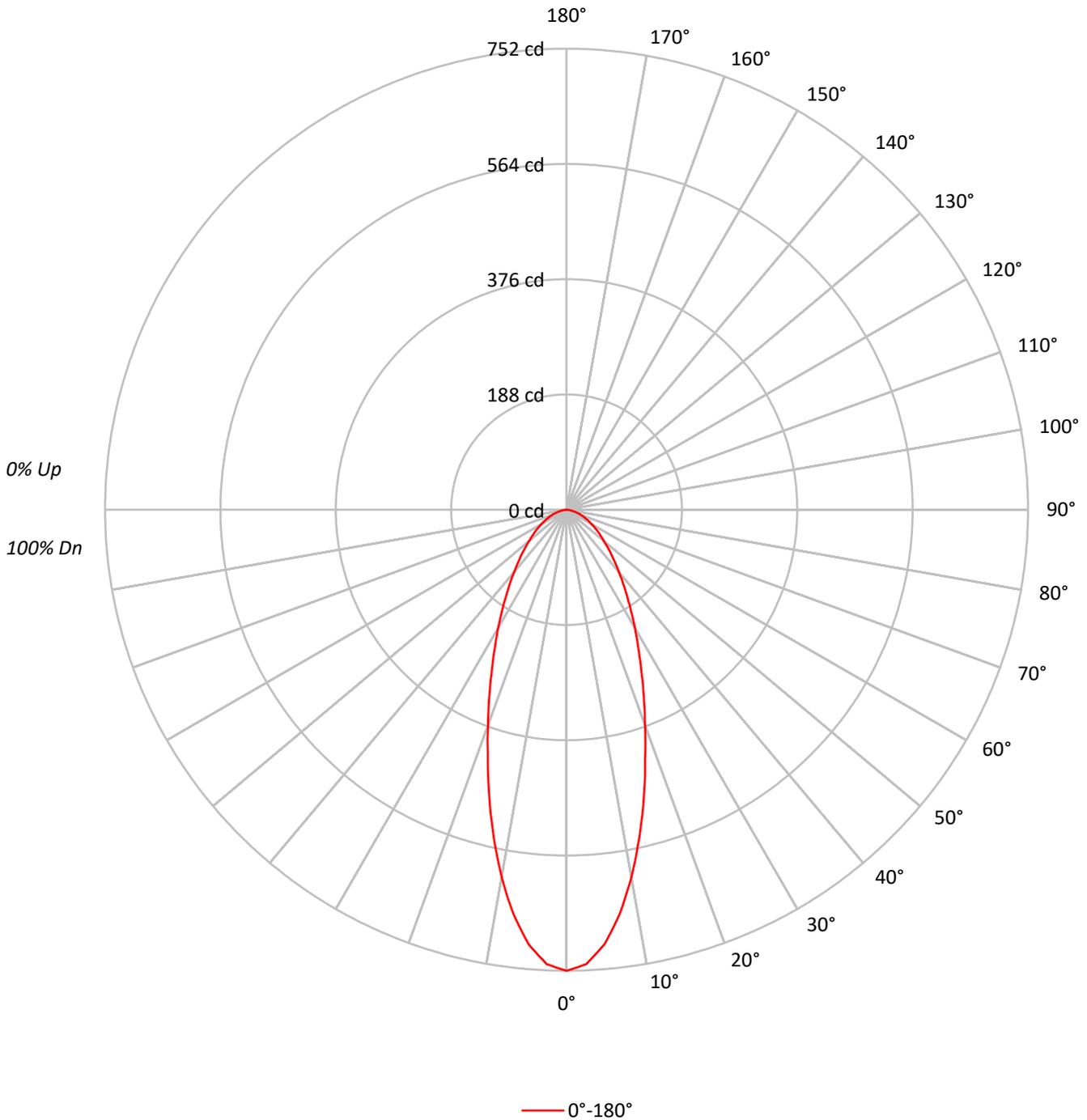
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 632.0 lumens
Efficiency: N/A
Efficacy: 56.9 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): 11.1
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164899
5°	156526
10°	135580
15°	110375
20°	87204
25°	69536
30°	56388
35°	45909
40°	38043
45°	32065
50°	27121
55°	23894
60°	20919
65°	18264
70°	16028
75°	13471
80°	10102
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 32065 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.6	10.2
10°-20°	134.8	21.3
20°-30°	132.9	21.0
30°-40°	108.2	17.1
40°-50°	80.3	12.7
50°-60°	56.0	8.9
60°-70°	35.1	5.6
70°-80°	16.9	2.7
80°-90°	3.2	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°	332.3	52.6
0°-40°	440.5	69.7
0°-60°	576.8	91.3
0°-90°	632.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	752	
5°	711	65
15°	486	135
25°	287	133
35°	172	108
45°	103	80
55°	62	56
65°	35	35
75°	16	17
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	752.0
2.5°	741.8
5°	711.1
7.5°	664.5
10°	608.9
12.5°	547.5
15°	486.2
17.5°	426.0
20°	373.7
22.5°	328.3
25°	287.4
27.5°	252.2
30°	222.7
32.5°	195.4
35°	171.5
37.5°	151.1
40°	132.9
42.5°	117.0
45°	103.4
47.5°	90.9
50°	79.5
52.5°	70.4
55°	62.5
57.5°	54.5
60°	47.7
62.5°	40.9
65°	35.2
67.5°	29.5
70°	25.0
72.5°	20.4
75°	15.9
77.5°	11.4
80°	8.0
82.5°	4.5
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)