

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: P1258387

Luminaire Tested: P3AS24R209040D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258387
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209040D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

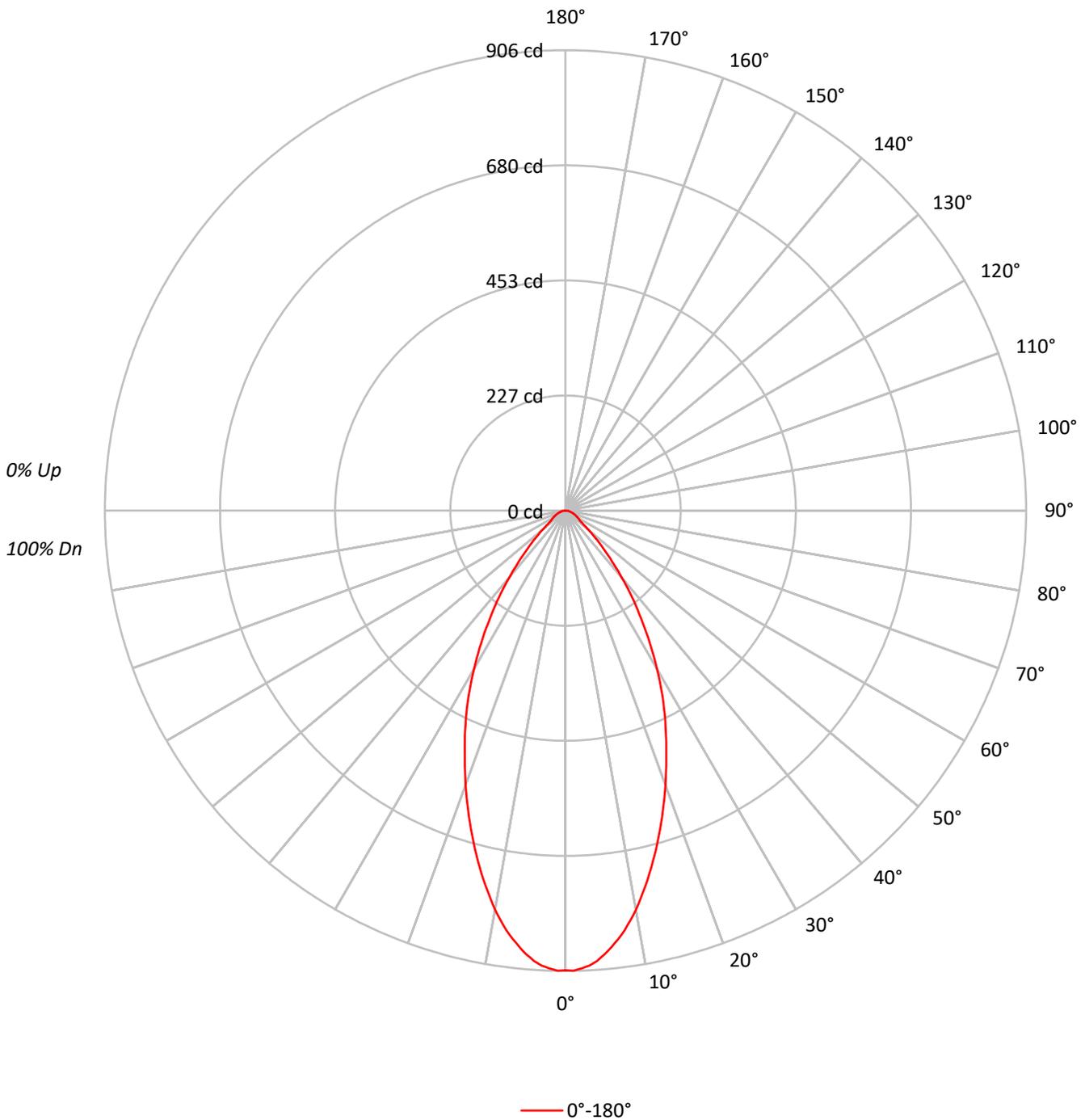
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 802.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	100	100	100	100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91	91	91	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83	83	83	83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76	76	76	76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70	70	70	70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55	55	55	55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52	52	52	52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48	48	48	48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198383
5°	193088
10°	177619
15°	156346
20°	134085
25°	112652
30°	91052
35°	69279
40°	49292
45°	32531
50°	20161
55°	13228
60°	12060
65°	11104
70°	10450
75°	9489
80°	8966
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 32531 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.1	10.1
10°-20°	191.7	23.9
20°-30°	212.8	26.5
30°-40°	162.4	20.2
40°-50°	83.1	10.4
50°-60°	34.1	4.3
60°-70°	21.3	2.7
70°-80°	11.9	1.5
80°-90°	3.5	0.4
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°	485.7	60.6
0°-40°	648.0	80.8
0°-60°	765.3	95.4
0°-90°	802.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	802.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	905	
5°	877	81
15°	689	192
25°	466	213
35°	259	162
45°	105	83
55°	35	34
65°	21	21
75°	11	12
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	904.7
1°	905.7
2°	901.6
3°	896.5
4°	888.4
5°	877.2
6°	863.9
7°	849.6
8°	834.4
9°	816.0
10°	797.7
12.5°	744.7
15°	688.7
17.5°	631.6
20°	574.6
22.5°	517.5
25°	465.6
27.5°	413.6
30°	359.6
32.5°	308.7
35°	258.8
37.5°	215.0
40°	172.2
42.5°	135.5
45°	104.9
47.5°	79.5
50°	59.1
52.5°	43.8
55°	34.6
57.5°	31.6
60°	27.5
62.5°	24.5
65°	21.4
67.5°	18.3
70°	16.3
72.5°	13.2
75°	11.2
77.5°	9.2
80°	7.1
82.5°	5.1
85°	3.1
87.5°	1.0
90°	0.0

(END OF REPORT)