

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: P1250160

Luminaire Tested: P3AS20R609027D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250160
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609027D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

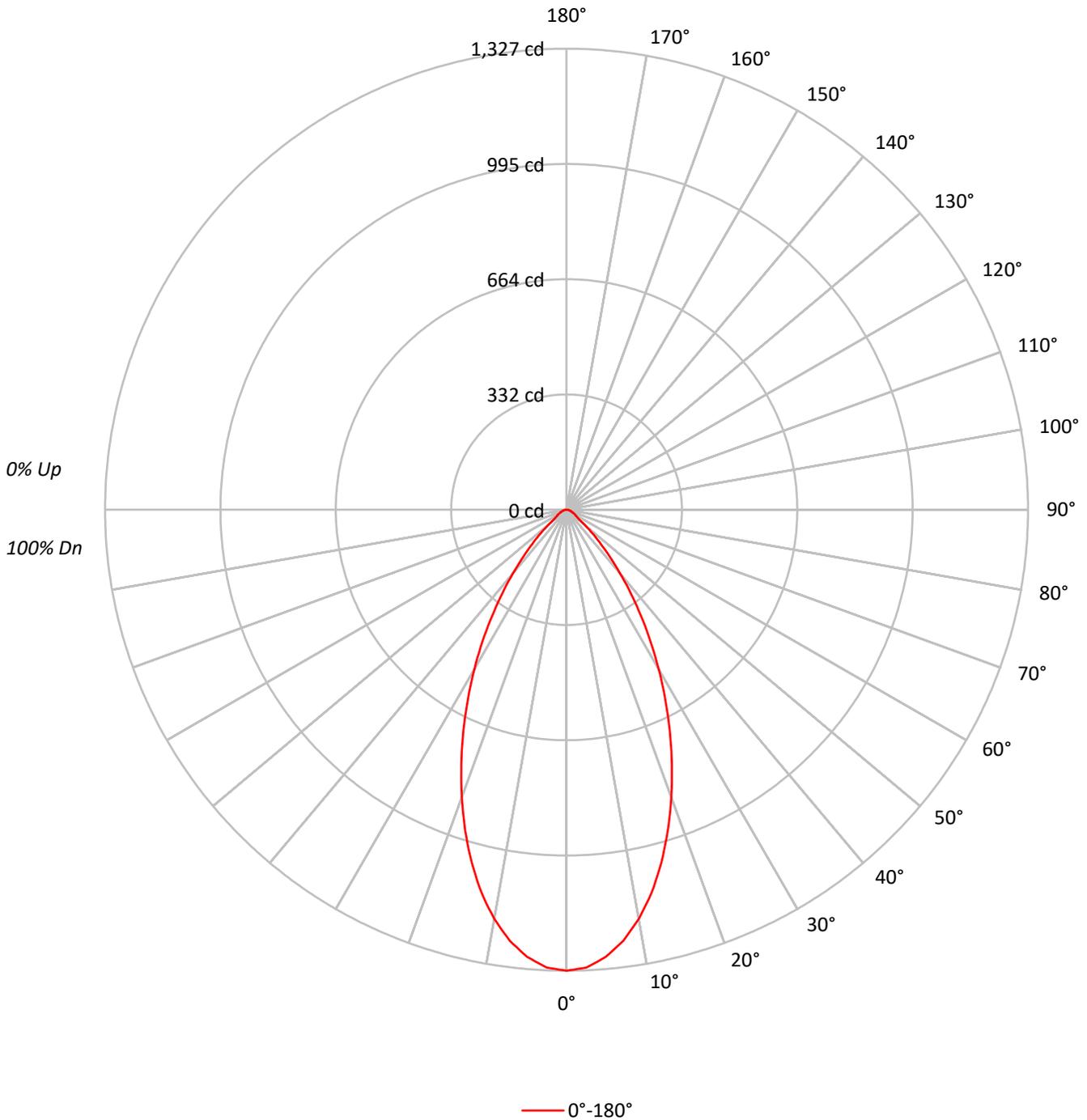
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1148.0 lumens
Efficiency: N/A
Efficacy: 39.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 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			
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	290942
5°	284415
10°	266261
15°	238889
20°	205421
25°	169849
30°	134223
35°	99662
40°	68643
45°	43043
50°	23675
55°	13878
60°	12455
65°	10637
70°	9104
75°	9320
80°	7956
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 43043 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.3	10.5
10°-20°	292.2	25.5
20°-30°	320.6	27.9
30°-40°	233.5	20.3
40°-50°	110.3	9.6
50°-60°	36.2	3.1
60°-70°	20.5	1.8
70°-80°	11.0	1.0
80°-90°	3.4	0.3
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°	733.1	63.9
0°-40°	966.6	84.2
0°-60°	1113.1	97.0
0°-90°	1148.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1148.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1327	
5°	1292	120
15°	1052	292
25°	702	321
35°	372	234
45°	139	110
55°	36	36
65°	20	20
75°	11	11
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1326.8
2.5°	1318.9
5°	1292.1
7.5°	1251.1
10°	1195.8
12.5°	1129.6
15°	1052.3
17.5°	968.7
20°	880.3
22.5°	790.4
25°	702.0
27.5°	613.7
30°	530.1
32.5°	449.6
35°	372.3
37.5°	302.9
40°	239.8
42.5°	184.6
45°	138.8
47.5°	101.0
50°	69.4
52.5°	45.8
55°	36.3
57.5°	31.6
60°	28.4
62.5°	23.7
65°	20.5
67.5°	17.4
70°	14.2
72.5°	12.6
75°	11.0
77.5°	7.9
80°	6.3
82.5°	4.7
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)