

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: P1260733

Luminaire Tested: P3AS20R359050D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260733
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359050D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

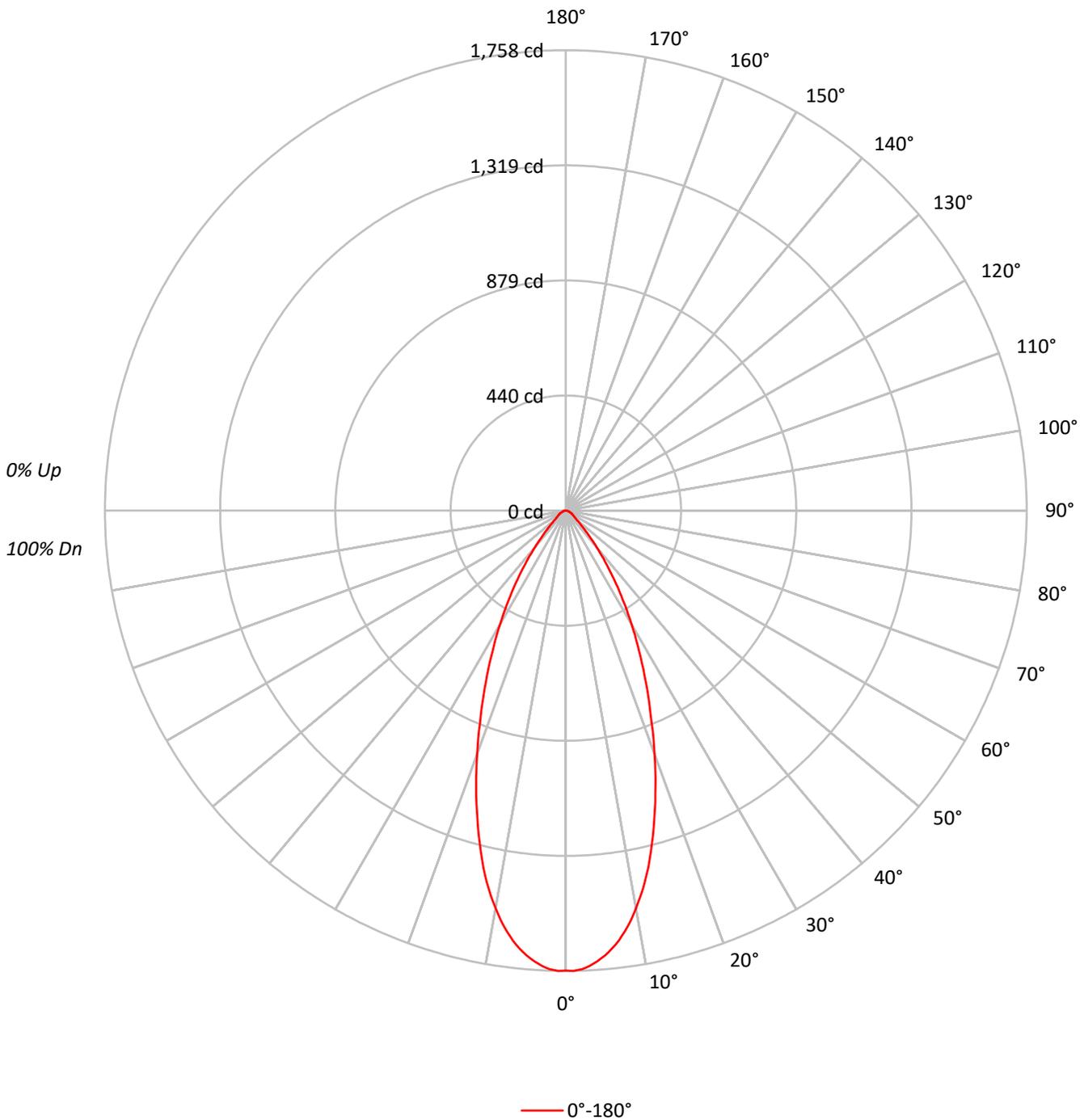
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1198.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	385079
5°	375588
10°	343369
15°	291443
20°	230717
25°	174494
30°	127032
35°	85929
40°	52813
45°	30329
50°	18251
55°	14795
60°	12938
65°	11467
70°	9489
75°	9404
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 30329 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.7	13.2
10°-20°	353.9	29.5
20°-30°	331.1	27.6
30°-40°	202.6	16.9
40°-50°	79.9	6.7
50°-60°	35.2	2.9
60°-70°	21.9	1.8
70°-80°	11.7	1.0
80°-90°	4.0	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°	842.7	70.3
0°-40°	1045.4	87.3
0°-60°	1160.4	96.9
0°-90°	1198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1756	
5°	1706	158
15°	1284	354
25°	721	331
35°	321	203
45°	98	80
55°	39	35
65°	22	22
75°	11	12
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1756.1
1°	1757.9
2°	1752.4
3°	1741.3
4°	1724.7
5°	1706.3
6°	1682.3
7°	1654.6
8°	1621.4
9°	1584.5
10°	1542.1
11°	1497.8
12°	1449.9
13°	1398.2
14°	1341.0
15°	1283.8
17.5°	1136.3
20°	988.7
22.5°	846.7
25°	721.2
27.5°	605.0
30°	501.7
32.5°	405.8
35°	321.0
37.5°	245.3
40°	184.5
42.5°	132.8
45°	97.8
47.5°	70.1
50°	53.5
52.5°	44.3
55°	38.7
57.5°	33.2
60°	29.5
62.5°	25.8
65°	22.1
67.5°	18.4
70°	14.8
72.5°	12.9
75°	11.1
77.5°	9.2
80°	7.4
82.5°	5.5
85°	3.7
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)