

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: P1258105

Luminaire Tested: P3AS20R309040D010 E3DLD1WH

Issue Date: 1/30/2026

**Test Information**

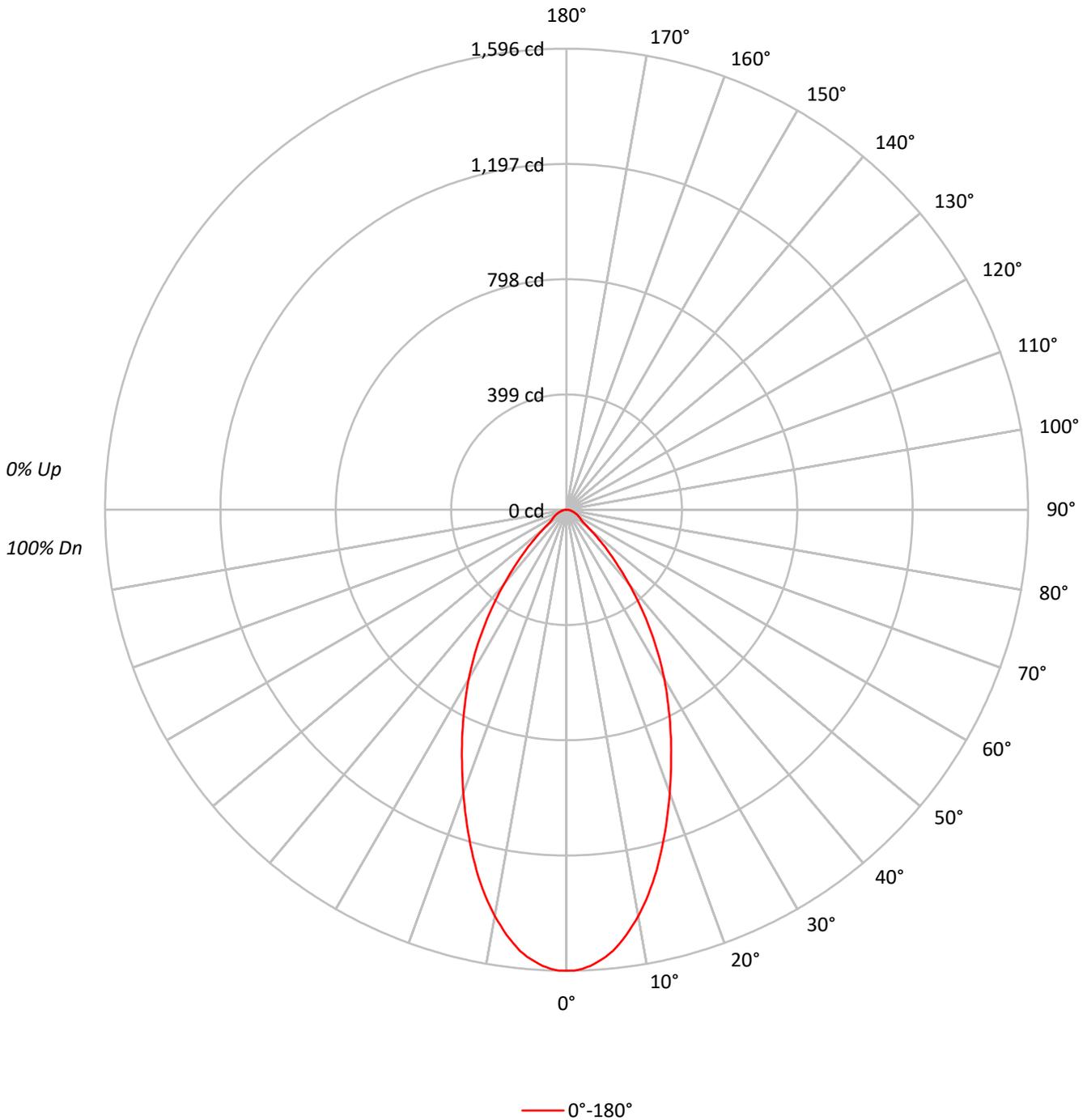
Test Method: LM-79-2019  
Report Number: P1258105  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R309040D010 E3DLD1WH  
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1481.0 lumens  
Efficiency: N/A  
Efficacy: 51.4 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	349884
5°	342020
10°	318052
15°	283021
20°	243411
25°	206214
30°	171166
35°	134274
40°	96237
45°	63107
50°	35956
55°	23626
60°	22323
65°	20754
70°	18657
75°	16945
80°	16037
85°	13838

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 63107 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	144.2	9.7
10°-20°	346.6	23.4
20°-30°	390.6	26.4
30°-40°	311.9	21.1
40°-50°	160.3	10.8
50°-60°	60.3	4.1
60°-70°	39.5	2.7
70°-80°	21.3	1.4
80°-90°	6.2	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°	881.4	59.5
0°-40°	1193.3	80.6
0°-60°	1413.9	95.5
0°-90°	1481.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1481.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1596	
5°	1554	144
15°	1247	347
25°	852	391
35°	502	312
45°	204	160
55°	62	60
65°	40	40
75°	20	21
85°	6	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1595.6
1°	1595.6
2°	1590.2
3°	1581.1
4°	1568.4
5°	1553.8
6°	1535.6
7°	1512.0
8°	1486.6
9°	1457.5
10°	1428.4
11°	1395.7
12°	1361.2
13°	1324.8
14°	1286.7
15°	1246.7
17.5°	1144.9
20°	1043.1
22.5°	945.0
25°	852.3
27.5°	761.5
30°	676.0
32.5°	588.8
35°	501.6
37.5°	416.2
40°	336.2
42.5°	265.3
45°	203.5
47.5°	150.8
50°	105.4
52.5°	74.5
55°	61.8
57.5°	56.3
60°	50.9
62.5°	45.4
65°	40.0
67.5°	34.5
70°	29.1
72.5°	23.6
75°	20.0
77.5°	16.4
80°	12.7
82.5°	9.1
85°	5.5
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)