

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: P1276870

Luminaire Tested: P3AS20R459835D010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

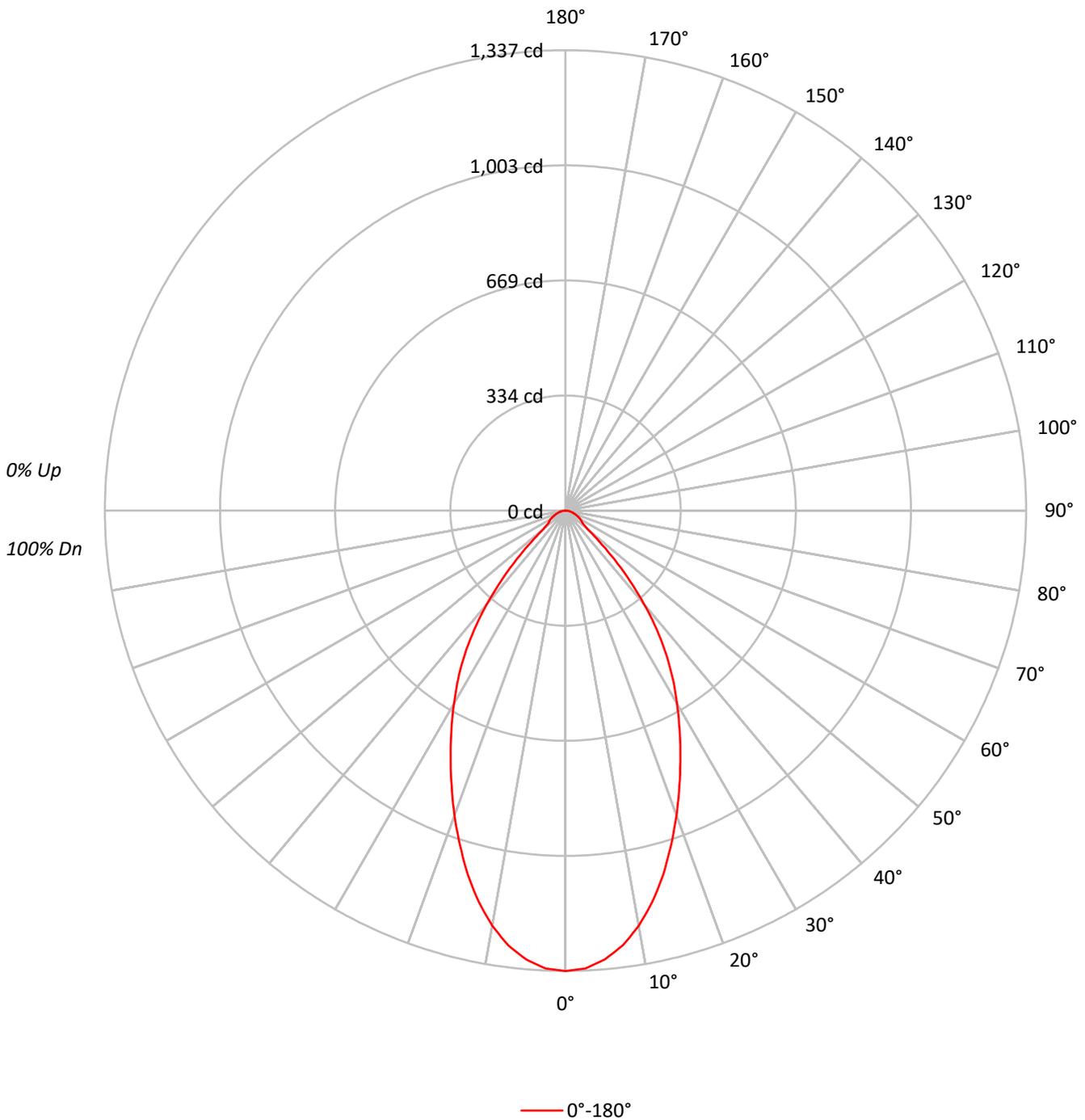
Test Method: LM-79-2019  
Report Number: P1276870  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R459835D010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1383.0 lumens  
Efficiency: N/A  
Efficacy: 50.5 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	104	102	103	101	99	99	97	96	96	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75			75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			44

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

	0°
0°	293222
5°	288025
10°	272562
15°	248583
20°	219819
25°	190874
30°	163848
35°	136523
40°	101733
45°	62270
50°	28826
55°	22556
60°	21665
65°	19872
70°	18401
75°	17538
80°	16164
85°	12077

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 62270 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.2	8.8
10°-20°	304.9	22.0
20°-30°	362.2	26.2
30°-40°	314.7	22.8
40°-50°	157.8	11.4
50°-60°	54.8	4.0
60°-70°	38.4	2.8
70°-80°	21.4	1.5
80°-90°	6.5	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°	789.3	57.1
0°-40°	1104.0	79.8
0°-60°	1316.6	95.2
0°-90°	1383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1383.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1337	
5°	1308	122
15°	1095	305
25°	789	362
35°	510	315
45°	201	158
55°	59	55
65°	38	38
75°	21	21
85°	5	7
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1337.2
2.5°	1330.8
5°	1308.5
7.5°	1273.5
10°	1224.1
12.5°	1163.5
15°	1095.0
17.5°	1018.5
20°	942.0
22.5°	863.9
25°	788.9
27.5°	717.2
30°	647.1
32.5°	580.2
35°	510.0
37.5°	435.1
40°	355.4
42.5°	277.3
45°	200.8
47.5°	132.3
50°	84.5
52.5°	65.3
55°	59.0
57.5°	54.2
60°	49.4
62.5°	44.6
65°	38.3
67.5°	33.5
70°	28.7
72.5°	23.9
75°	20.7
77.5°	15.9
80°	12.8
82.5°	9.6
85°	4.8
87.5°	3.2
90°	0.0

(END OF REPORT)