

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: P1254693

Luminaire Tested: P3AS13R359035DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

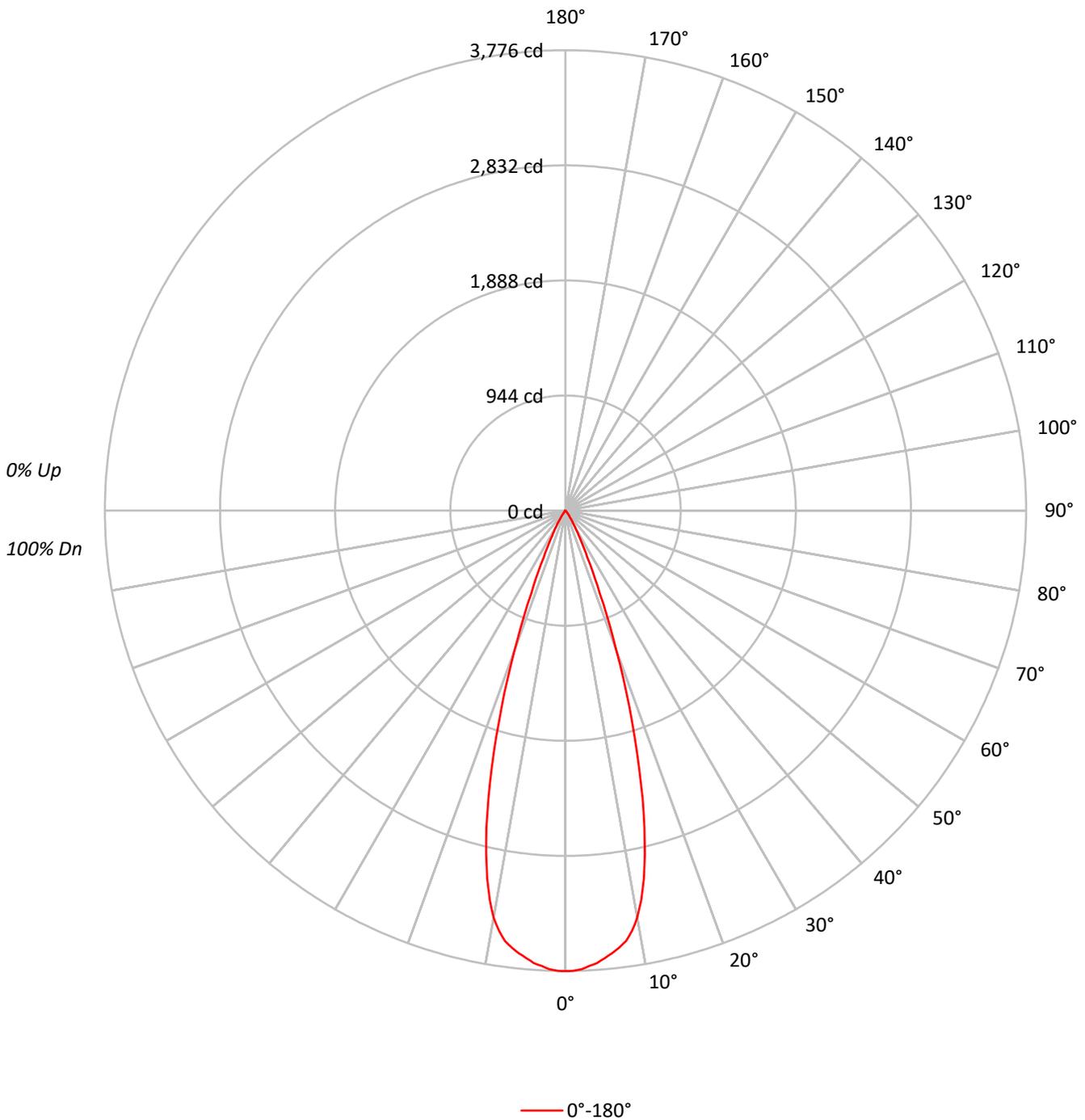
Test Method: LM-79-2019  
Report Number: P1254693  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R359035DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1270.0 lumens  
Efficiency: N/A  
Efficacy: 87.0 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96	96	96	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93	93	93	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86	86	86	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80	80	80	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78	78	78	78
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75	75	75	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70	70	70	70

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

	0°
0°	828113
5°	811246
10°	754718
15°	553329
20°	283338
25°	102127
30°	39753
35°	13920
40°	5725
45°	1551
50°	1365
55°	1529
60°	1316
65°	1038
70°	1282
75°	1694
80°	1263
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 75°  
 Luminance: 1694 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	343.6	27.1
10°-20°	644.7	50.8
20°-30°	228.2	18.0
30°-40°	40.0	3.1
40°-50°	5.8	0.5
50°-60°	3.2	0.3
60°-70°	2.3	0.2
70°-80°	1.7	0.1
80°-90°	0.4	0.0
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°	1216.5	95.8
0°-40°	1256.4	98.9
0°-60°	1265.5	99.6
0°-90°	1270.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1270.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3776	
5°	3686	344
15°	2437	645
25°	422	228
35°	52	40
45°	5	6
55°	4	3
65°	2	2
75°	2	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3776.5
1°	3775.5
2°	3763.5
3°	3740.5
4°	3719.5
5°	3685.5
6°	3650.5
7°	3611.5
8°	3563.5
9°	3488.5
10°	3389.5
11°	3252.5
12°	3087.4
13°	2891.4
14°	2675.4
15°	2437.4
17.5°	1815.3
20°	1214.2
22.5°	732.1
25°	422.1
27.5°	252.0
30°	157.0
32.5°	91.0
35°	52.0
37.5°	33.0
40°	20.0
42.5°	10.0
45°	5.0
47.5°	4.0
50°	4.0
52.5°	4.0
55°	4.0
57.5°	3.0
60°	3.0
62.5°	3.0
65°	2.0
67.5°	2.0
70°	2.0
72.5°	2.0
75°	2.0
77.5°	1.0
80°	1.0
82.5°	1.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)