

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: P1266751

Luminaire Tested: P3AS05R459735DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

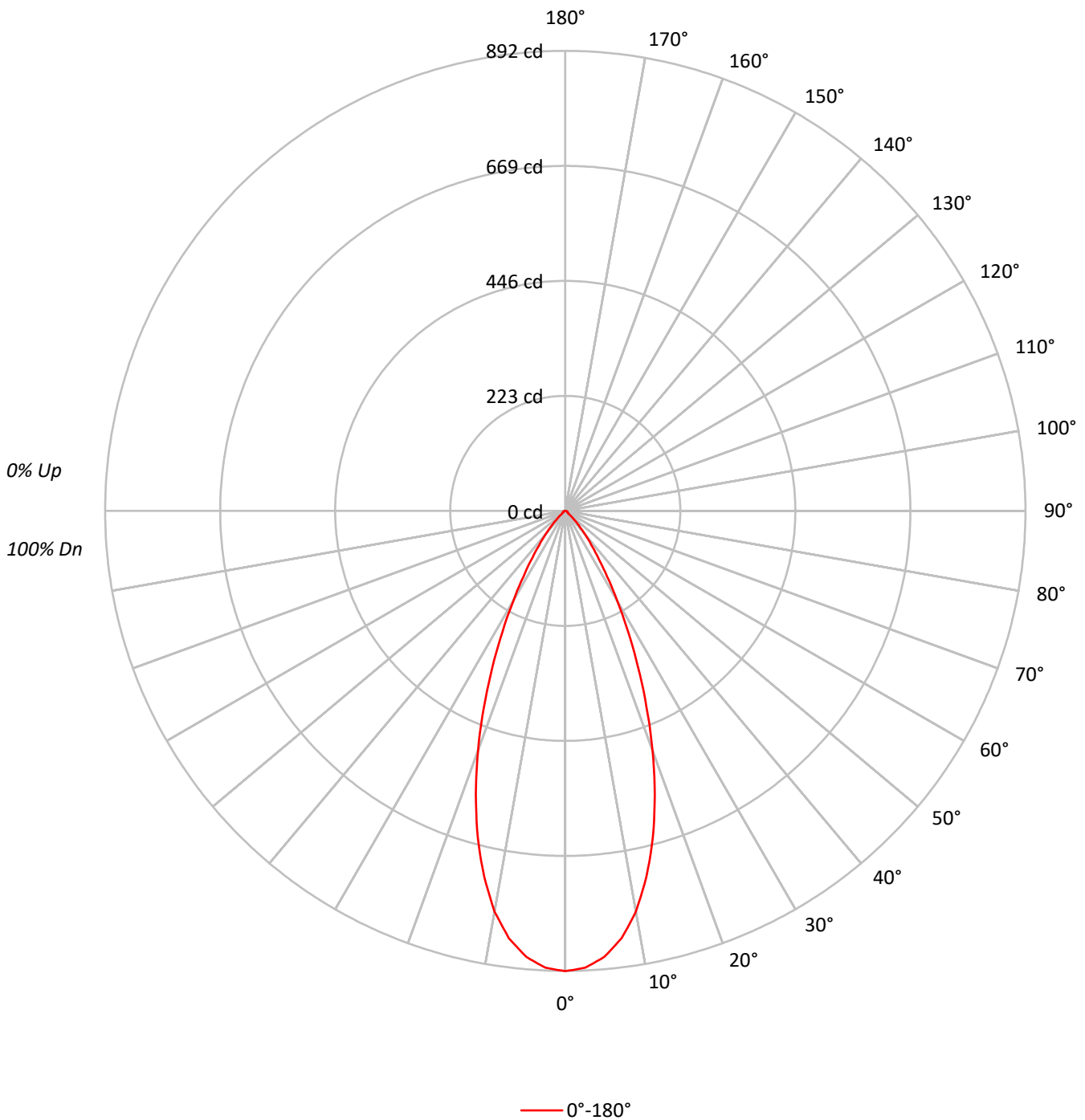
Test Method: LM-79-2019  
Report Number: P1266751  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R459735DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 521.0 lumens  
Efficiency: N/A  
Efficacy: 72.4 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88			88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83			83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78			78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74			74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70			70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66			66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62			62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59			59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57			57

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

	0°
0°	195664
5°	191063
10°	175637
15°	148832
20°	115463
25°	80714
30°	50843
35°	29928
40°	16946
45°	8249
50°	2866
55°	2332
60°	2237
65°	2179
70°	2116
75°	1949
80°	1768
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8249 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	80.4	15.4
10°-20°	180.0	34.6
20°-30°	152.9	29.3
30°-40°	72.9	14.0
40°-50°	22.0	4.2
50°-60°	5.6	1.1
60°-70°	4.2	0.8
70°-80°	2.5	0.5
80°-90°	0.7	0.1
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°	413.2	79.3
0°-40°	486.2	93.3
0°-60°	513.7	98.6
0°-90°	521.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	521.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	892	
5°	868	80
15°	656	180
25°	334	153
35°	112	73
45°	27	22
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	892.3
2.5°	886.7
5°	868.0
7.5°	835.9
10°	788.8
12.5°	726.4
15°	655.6
17.5°	576.8
20°	494.8
22.5°	411.4
25°	333.6
27.5°	262.8
30°	200.8
32.5°	151.0
35°	111.8
37.5°	82.5
40°	59.2
42.5°	41.0
45°	26.6
47.5°	14.9
50°	8.4
52.5°	6.5
55°	6.1
57.5°	5.6
60°	5.1
62.5°	4.7
65°	4.2
67.5°	3.7
70°	3.3
72.5°	2.8
75°	2.3
77.5°	1.9
80°	1.4
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)