

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: P1252368

Luminaire Tested: P3AS17R359030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252368
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: P3AS17R359030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

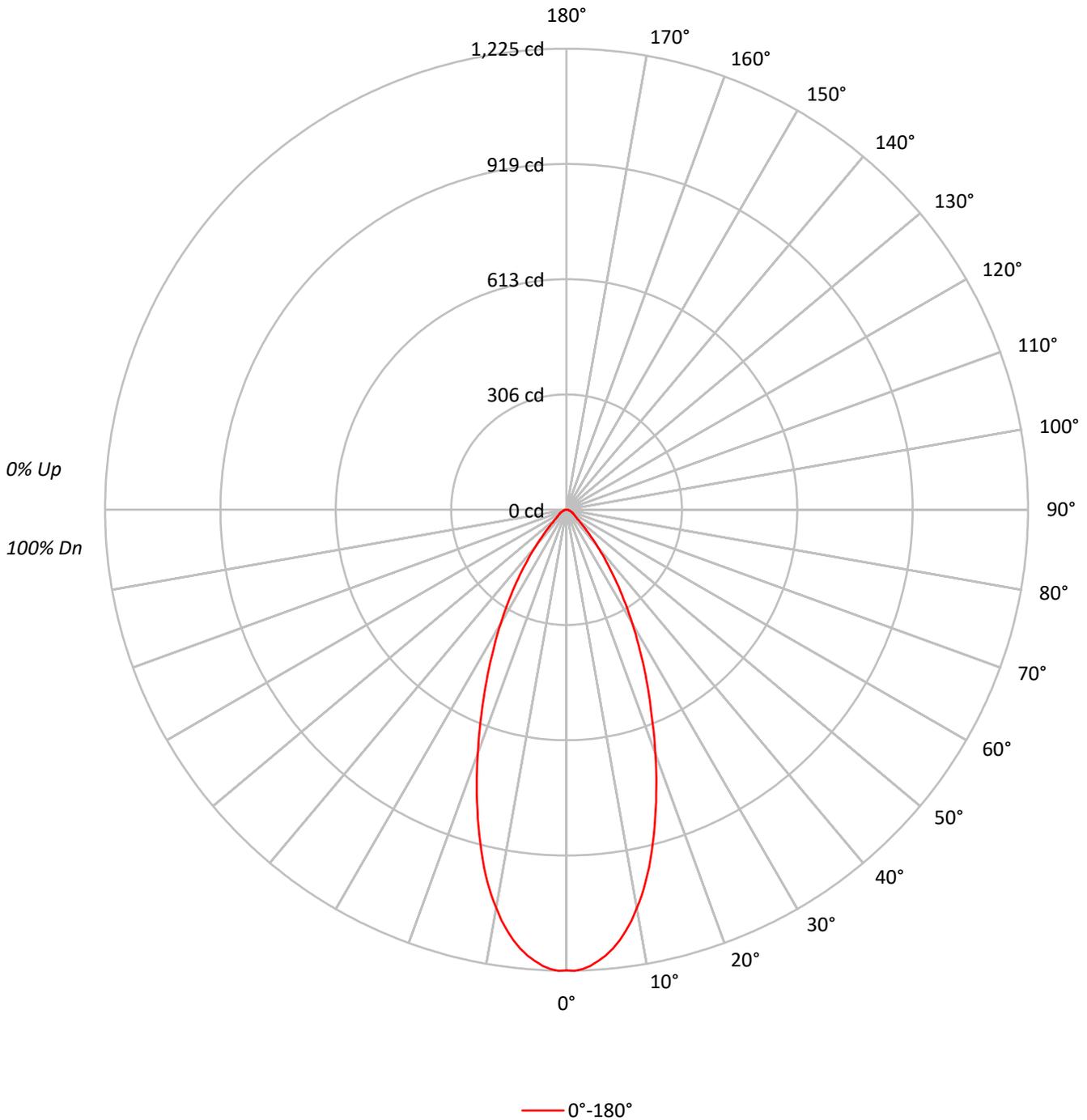
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 835.0 lumens
Efficiency: N/A
Efficacy: 39.4 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): 21.2
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	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80	80	80	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61	61	61	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57	57	57	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268400
5°	261787
10°	239319
15°	203134
20°	160804
25°	121628
30°	88545
35°	59883
40°	36812
45°	21118
50°	12725
55°	10322
60°	9034
65°	7990
70°	6604
75°	6524
80°	6440
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21118 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.9	13.2
10°-20°	246.7	29.5
20°-30°	230.8	27.6
30°-40°	141.2	16.9
40°-50°	55.7	6.7
50°-60°	24.5	2.9
60°-70°	15.3	1.8
70°-80°	8.1	1.0
80°-90°	2.8	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°	587.4	70.3
0°-40°	728.6	87.3
0°-60°	808.8	96.9
0°-90°	835.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	835.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1224	
5°	1189	110
15°	895	247
25°	503	231
35°	224	141
45°	68	56
55°	27	25
65°	15	15
75°	8	8
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1224.0
1°	1225.2
2°	1221.4
3°	1213.7
4°	1202.1
5°	1189.3
6°	1172.5
7°	1153.3
8°	1130.1
9°	1104.4
10°	1074.8
11°	1044.0
12°	1010.5
13°	974.5
14°	934.7
15°	894.8
17.5°	792.0
20°	689.1
22.5°	590.1
25°	502.7
27.5°	421.7
30°	349.7
32.5°	282.8
35°	223.7
37.5°	171.0
40°	128.6
42.5°	92.6
45°	68.1
47.5°	48.9
50°	37.3
52.5°	30.9
55°	27.0
57.5°	23.1
60°	20.6
62.5°	18.0
65°	15.4
67.5°	12.9
70°	10.3
72.5°	9.0
75°	7.7
77.5°	6.4
80°	5.1
82.5°	3.9
85°	2.6
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)