

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: P1274391

Luminaire Tested: P3AS17R359830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

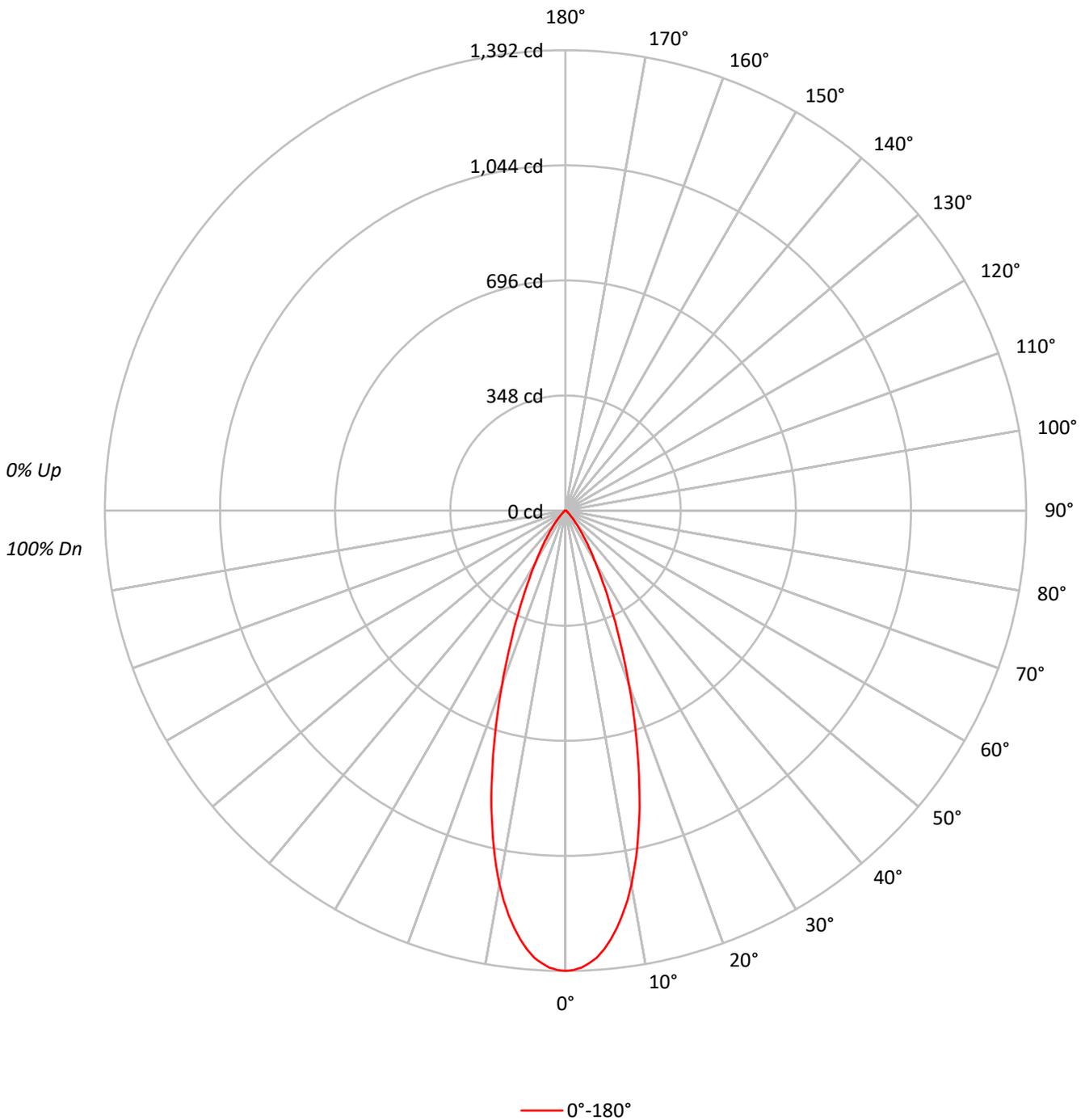
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 605.1 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	305129
5°	293264
10°	255506
15°	195711
20°	130935
25°	79238
30°	45475
35°	25431
40°	13511
45°	6946
50°	3343
55°	2638
60°	2544
65°	2075
70°	2244
75°	1949
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6946 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.2	20.0
10°-20°	234.9	38.8
20°-30°	153.8	25.4
30°-40°	62.4	10.3
40°-50°	18.7	3.1
50°-60°	6.4	1.1
60°-70°	4.3	0.7
70°-80°	2.5	0.4
80°-90°	0.9	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°	509.9	84.3
0°-40°	572.3	94.6
0°-60°	597.4	98.7
0°-90°	605.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	605.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1392	
5°	1332	121
15°	862	235
25°	328	154
35°	95	62
45°	22	19
55°	7	6
65°	4	4
75°	2	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1391.5
1°	1389.2
2°	1382.9
3°	1370.2
4°	1355.3
5°	1332.3
6°	1303.5
7°	1271.3
8°	1235.0
9°	1193.6
10°	1147.5
11°	1096.3
12°	1042.8
13°	982.9
14°	926.0
15°	862.1
17.5°	707.3
20°	561.1
22.5°	431.6
25°	327.5
27.5°	244.0
30°	179.6
32.5°	131.8
35°	95.0
37.5°	67.3
40°	47.2
42.5°	32.8
45°	22.4
47.5°	15.0
50°	9.8
52.5°	7.5
55°	6.9
57.5°	6.3
60°	5.8
62.5°	5.2
65°	4.0
67.5°	3.5
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.7
82.5°	1.2
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)