

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: P1274739

Luminaire Tested: P3AS20R359830D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274739
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: P3AS20R359830D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

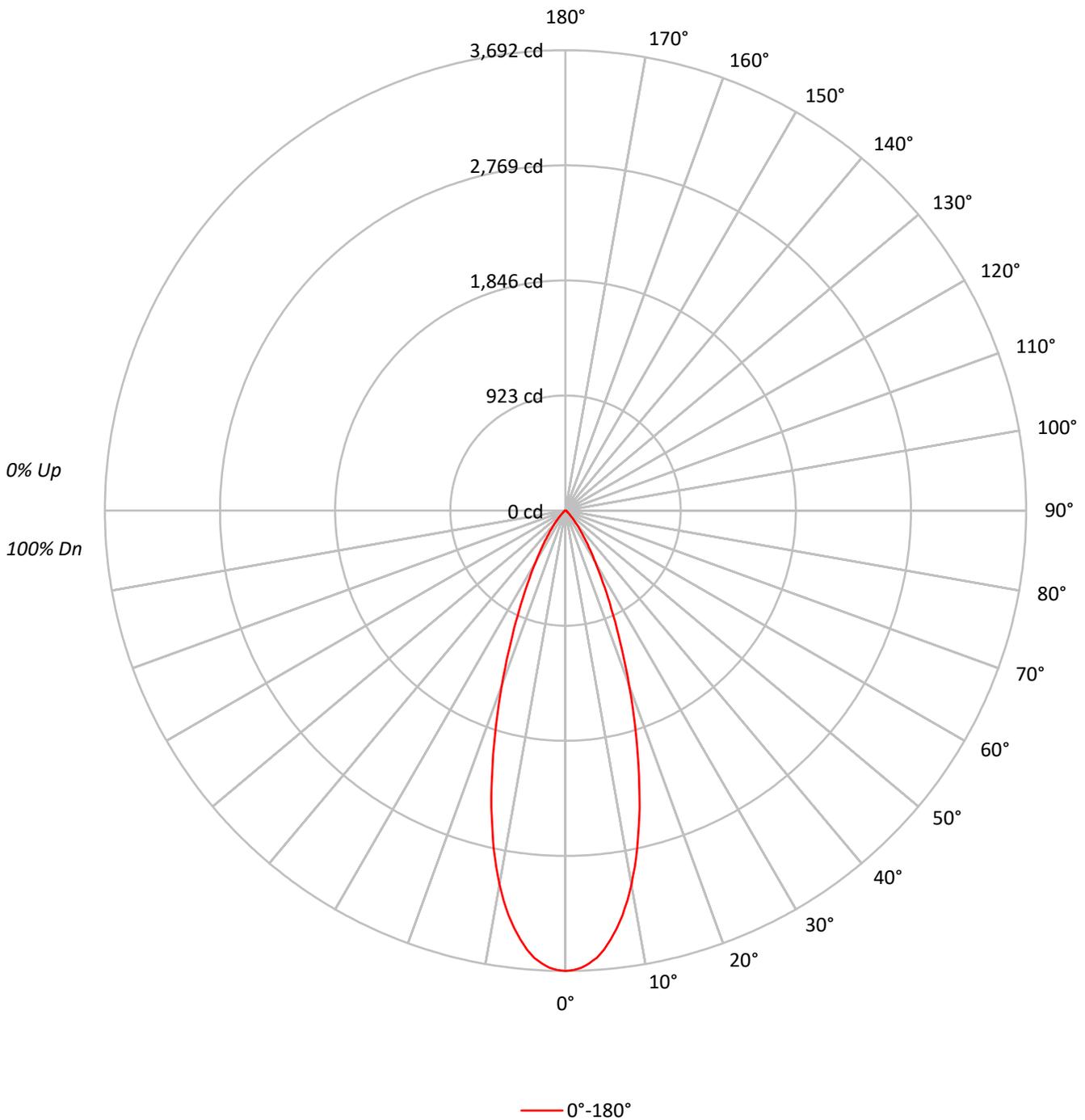
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1605.0 lumens
Efficiency: N/A
Efficacy: 58.6 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): 27.4
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	67	67	67	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	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°	809497
5°	777964
10°	677854
15°	519186
20°	347347
25°	210181
30°	120601
35°	67432
40°	35839
45°	18452
50°	8870
55°	6996
60°	6710
65°	5552
70°	5898
75°	5168
80°	5809
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18452 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.6	20.0
10°-20°	623.2	38.8
20°-30°	408.0	25.4
30°-40°	165.5	10.3
40°-50°	49.7	3.1
50°-60°	16.9	1.1
60°-70°	11.3	0.7
70°-80°	6.6	0.4
80°-90°	2.3	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°	1352.7	84.3
0°-40°	1518.2	94.6
0°-60°	1584.7	98.7
0°-90°	1605.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1605.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3692	
5°	3534	322
15°	2287	623
25°	869	408
35°	252	165
45°	60	50
55°	18	17
65°	11	11
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3691.6
1°	3685.5
2°	3668.7
3°	3635.1
4°	3595.4
5°	3534.3
6°	3458.0
7°	3372.5
8°	3276.3
9°	3166.4
10°	3044.3
11°	2908.4
12°	2766.4
13°	2607.6
14°	2456.5
15°	2287.0
17.5°	1876.3
20°	1488.5
22.5°	1145.0
25°	868.7
27.5°	647.3
30°	476.3
32.5°	349.6
35°	251.9
37.5°	178.6
40°	125.2
42.5°	87.0
45°	59.5
47.5°	39.7
50°	26.0
52.5°	19.8
55°	18.3
57.5°	16.8
60°	15.3
62.5°	13.7
65°	10.7
67.5°	9.2
70°	9.2
72.5°	7.6
75°	6.1
77.5°	4.6
80°	4.6
82.5°	3.1
85°	1.5
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)