

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: P1250005

Luminaire Tested: P3AS20R359027D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250005
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: P3AS20R359027D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

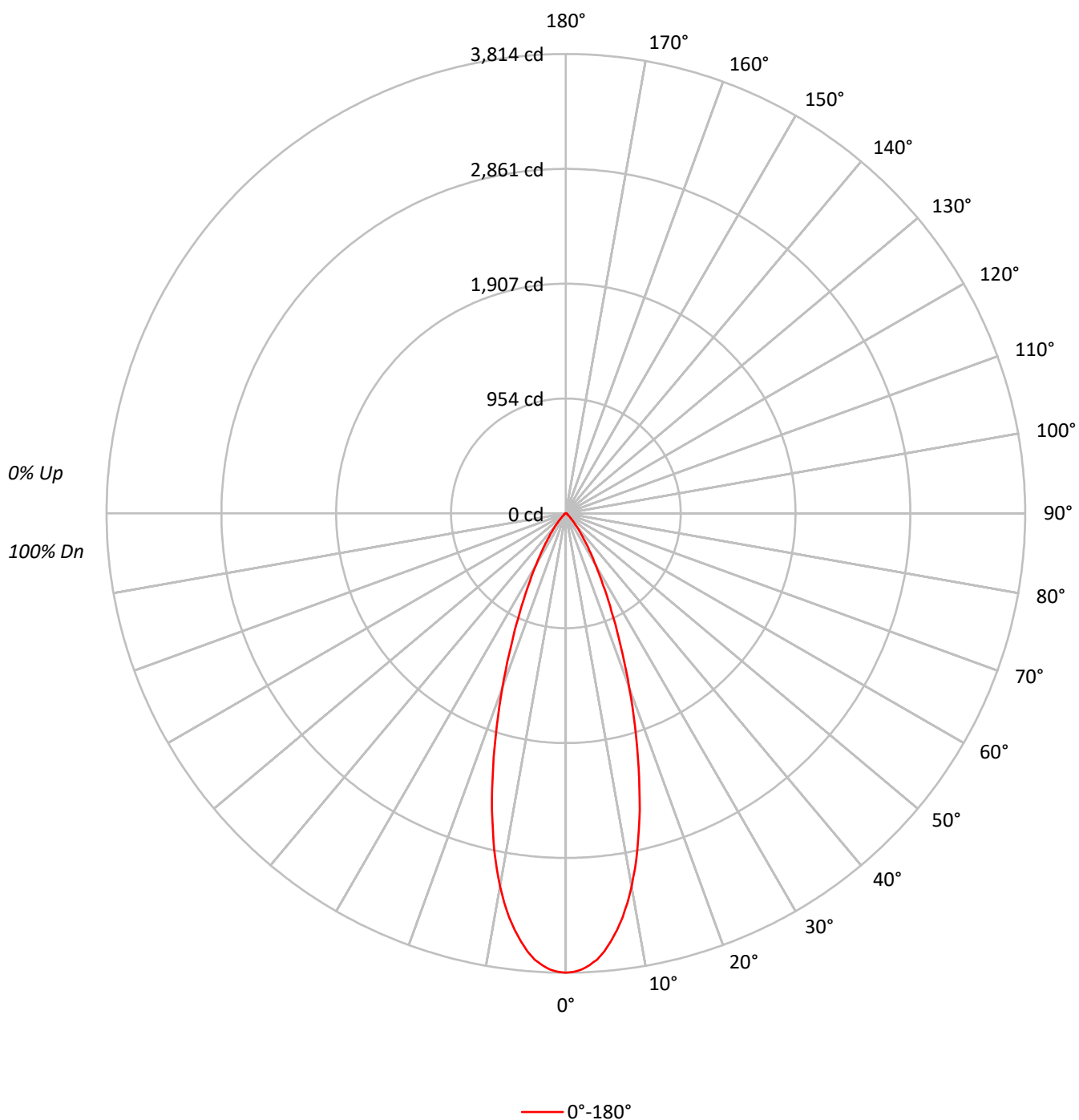
Lumens per Lamp: N/A
Luminaire Lumens: 1658.0 lumens
Efficiency: N/A
Efficacy: 57.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	836227
5°	803652
10°	700232
15°	536325
20°	358828
25°	217125
30°	124601
35°	69654
40°	37012
45°	19072
50°	9143
55°	7226
60°	6929
65°	5707
70°	6091
75°	5338
80°	5935
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.2	20.0
10°-20°	643.7	38.8
20°-30°	421.5	25.4
30°-40°	171.0	10.3
40°-50°	51.3	3.1
50°-60°	17.4	1.1
60°-70°	11.7	0.7
70°-80°	6.9	0.4
80°-90°	2.4	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°	1397.4	84.3
0°-40°	1568.4	94.6
0°-60°	1637.1	98.7
0°-90°	1658.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1658.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3814	
5°	3651	332
15°	2362	644
25°	897	421
35°	260	171
45°	62	51
55°	19	17
65°	11	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3813.5
1°	3807.2
2°	3789.8
3°	3755.1
4°	3714.1
5°	3651.0
6°	3572.2
7°	3483.9
8°	3384.5
9°	3271.0
10°	3144.8
11°	3004.4
12°	2857.7
13°	2693.7
14°	2537.6
15°	2362.5
17.5°	1938.3
20°	1537.7
22.5°	1182.8
25°	897.4
27.5°	668.7
30°	492.1
32.5°	361.2
35°	260.2
37.5°	184.5
40°	129.3
42.5°	89.9
45°	61.5
47.5°	41.0
50°	26.8
52.5°	20.5
55°	18.9
57.5°	17.3
60°	15.8
62.5°	14.2
65°	11.0
67.5°	9.5
70°	9.5
72.5°	7.9
75°	6.3
77.5°	4.7
80°	4.7
82.5°	3.2
85°	1.6
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)