

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: P1255594

Luminaire Tested: P3AS20R659035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255594
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

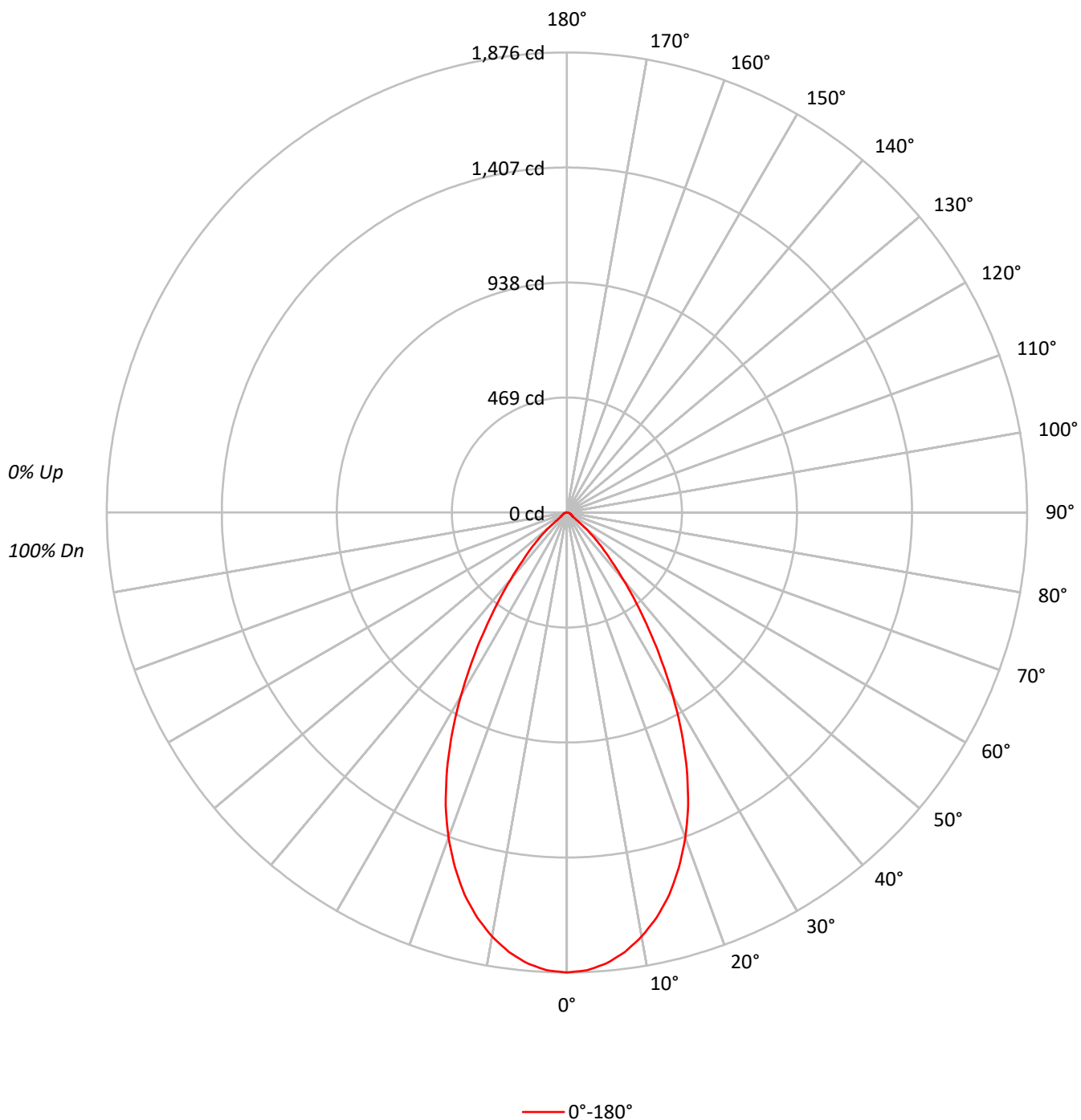
Lumens per Lamp: N/A
Luminaire Lumens: 1744.0 lumens
Efficiency: N/A
Efficacy: 60.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	411283
5°	406360
10°	390930
15°	366200
20°	329379
25°	279694
30°	218743
35°	155877
40°	101991
45°	63076
50°	32033
55°	11316
60°	9911
65°	9910
70°	8912
75°	8811
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 63076 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.3	9.9
10°-20°	449.0	25.7
20°-30°	524.7	30.1
30°-40°	366.7	21.0
40°-50°	161.4	9.3
50°-60°	36.0	2.1
60°-70°	18.3	1.0
70°-80°	11.0	0.6
80°-90°	3.8	0.2
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°	1147.0	65.8
0°-40°	1513.6	86.8
0°-60°	1711.0	98.1
0°-90°	1744.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1744.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1876	
5°	1846	173
15°	1613	449
25°	1156	525
35°	582	367
45°	203	161
55°	30	36
65°	19	18
75°	10	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1875.6
2.5°	1868.7
5°	1846.1
7.5°	1807.8
10°	1755.7
12.5°	1691.4
15°	1613.1
17.5°	1517.5
20°	1411.5
22.5°	1291.5
25°	1156.0
27.5°	1013.4
30°	863.9
32.5°	719.7
35°	582.3
37.5°	462.4
40°	356.3
42.5°	269.4
45°	203.4
47.5°	149.5
50°	93.9
52.5°	48.7
55°	29.6
57.5°	26.1
60°	22.6
62.5°	20.9
65°	19.1
67.5°	15.6
70°	13.9
72.5°	12.2
75°	10.4
77.5°	8.7
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)