

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: P1257320

Luminaire Tested: P3AS13R209040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257320
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

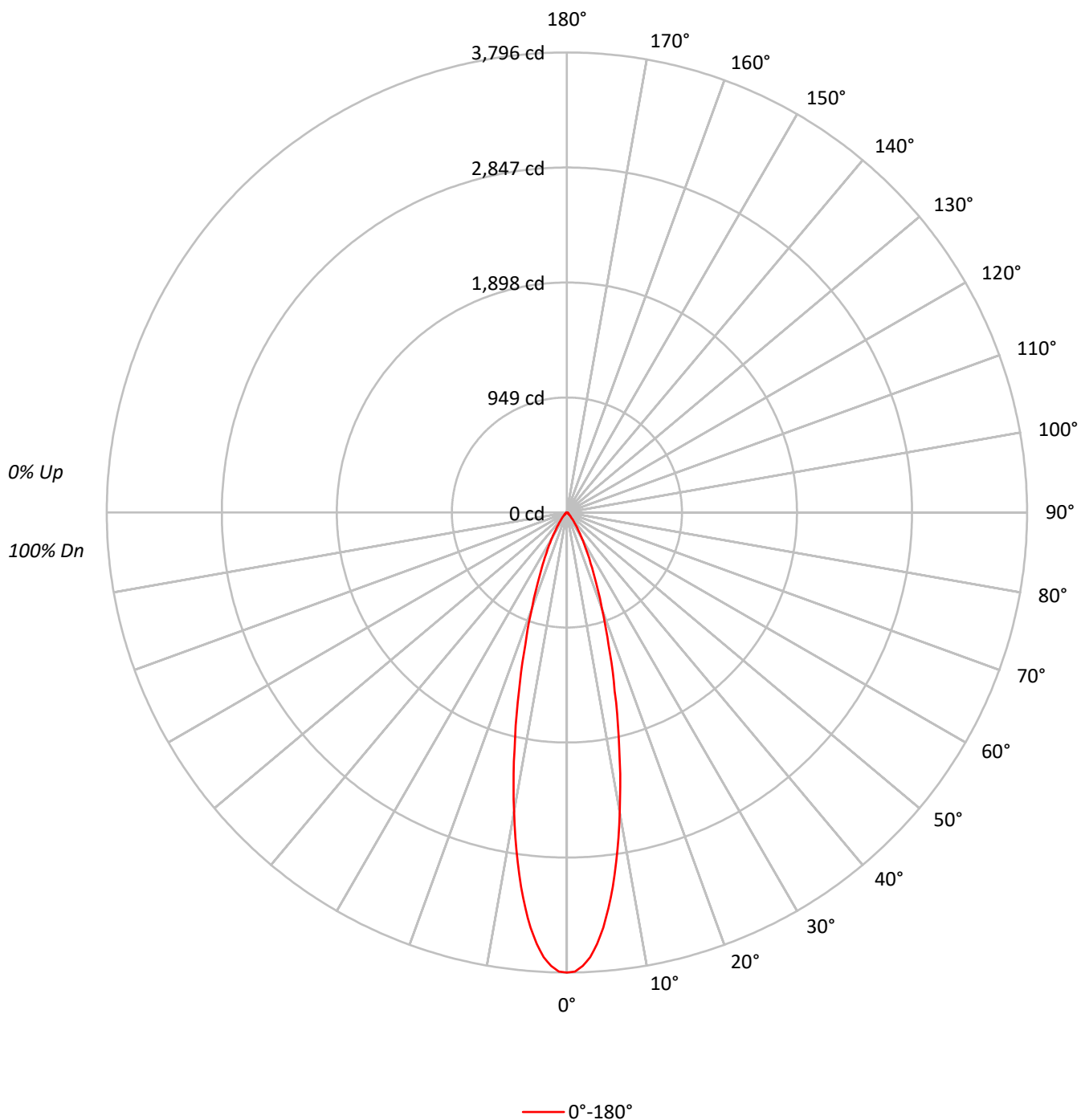
Lumens per Lamp: N/A
Luminaire Lumens: 1082.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	832477
5°	756745
10°	559286
15°	345972
20°	197581
25°	112797
30°	63250
35°	34425
40°	18864
45°	10358
50°	6072
55°	4396
60°	4122
65°	3788
70°	3334
75°	3558
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10358 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.7	27.5
10°-20°	425.0	39.3
20°-30°	221.8	20.5
30°-40°	85.8	7.9
40°-50°	27.8	2.6
50°-60°	11.0	1.0
60°-70°	7.2	0.7
70°-80°	4.3	0.4
80°-90°	1.4	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°	944.5	87.3
0°-40°	1030.3	95.2
0°-60°	1069.1	98.8
0°-90°	1082.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1082.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3796	
5°	3438	298
15°	1524	425
25°	466	222
35°	129	86
45°	33	28
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3796.4
1°	3789.1
2°	3744.1
3°	3675.1
4°	3568.5
5°	3437.9
6°	3283.2
7°	3111.7
8°	2913.1
9°	2719.8
10°	2511.8
12.5°	1996.5
15°	1524.0
17.5°	1140.4
20°	846.7
22.5°	627.2
25°	466.2
27.5°	343.9
30°	249.8
32.5°	180.8
35°	128.6
37.5°	93.0
40°	65.9
42.5°	47.0
45°	33.4
47.5°	24.0
50°	17.8
52.5°	13.6
55°	11.5
57.5°	10.5
60°	9.4
62.5°	8.4
65°	7.3
67.5°	6.3
70°	5.2
72.5°	5.2
75°	4.2
77.5°	3.1
80°	2.1
82.5°	2.1
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)