

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: P1254700

Luminaire Tested: P3AS13R359035DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254700
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: P3AS13R359035DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

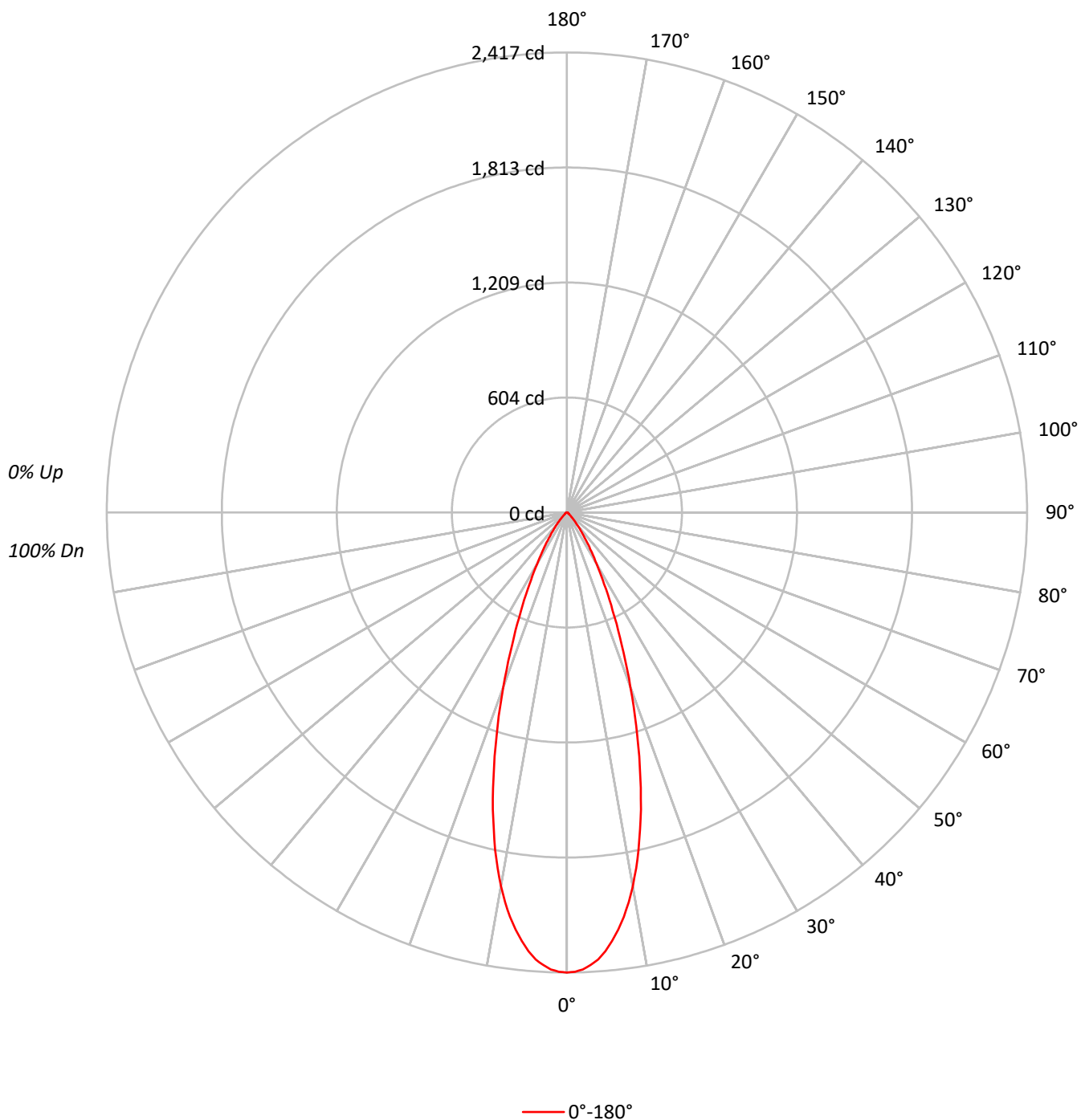
Lumens per Lamp: N/A
Luminaire Lumens: 1051.0 lumens
Efficiency: N/A
Efficacy: 72.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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				0
RW	70	50	30	10	70	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		100
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		66
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	530089
5°	509442
10°	443880
15°	339979
20°	227450
25°	137621
30°	78974
35°	44169
40°	23473
45°	12094
50°	5799
55°	4588
60°	4386
65°	3632
70°	3847
75°	3389
80°	3788
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12094 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	210.6	20.0
10°-20°	408.1	38.8
20°-30°	267.2	25.4
30°-40°	108.4	10.3
40°-50°	32.5	3.1
50°-60°	11.1	1.1
60°-70°	7.4	0.7
70°-80°	4.4	0.4
80°-90°	1.5	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°	885.8	84.3
0°-40°	994.2	94.6
0°-60°	1037.8	98.7
0°-90°	1051.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1051.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2417	
5°	2314	211
15°	1498	408
25°	569	267
35°	165	108
45°	39	33
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2417.4
1°	2413.4
2°	2402.4
3°	2380.4
4°	2354.4
5°	2314.4
6°	2264.4
7°	2208.4
8°	2145.4
9°	2073.4
10°	1993.5
11°	1904.5
12°	1811.5
13°	1707.5
14°	1608.6
15°	1497.6
17.5°	1228.7
20°	974.7
22.5°	749.8
25°	568.8
27.5°	423.9
30°	311.9
32.5°	228.9
35°	165.0
37.5°	117.0
40°	82.0
42.5°	57.0
45°	39.0
47.5°	26.0
50°	17.0
52.5°	13.0
55°	12.0
57.5°	11.0
60°	10.0
62.5°	9.0
65°	7.0
67.5°	6.0
70°	6.0
72.5°	5.0
75°	4.0
77.5°	3.0
80°	3.0
82.5°	2.0
85°	1.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)