

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: P1251999

Luminaire Tested: P3AS13R359030DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251999
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359030DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

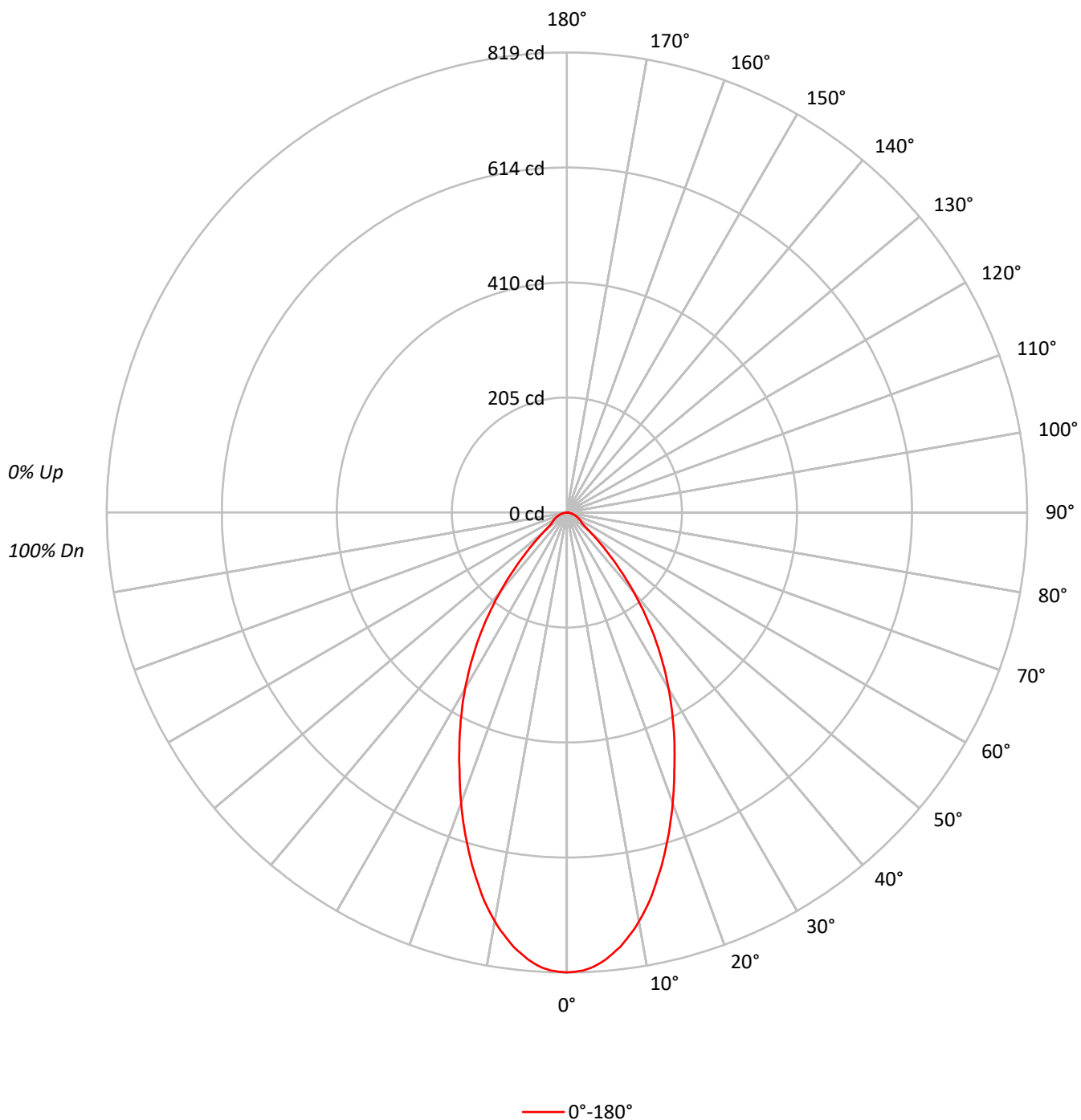
Lumens per Lamp: N/A
Luminaire Lumens: 786.0 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179547
5°	175742
10°	164571
15°	147742
20°	128508
25°	109506
30°	91736
35°	73053
40°	52813
45°	33430
50°	18217
55°	12616
60°	11929
65°	11104
70°	10579
75°	9065
80°	8587
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33430 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.3	9.5
10°-20°	181.1	23.0
20°-30°	207.5	26.4
30°-40°	169.3	21.5
40°-50°	85.4	10.9
50°-60°	31.7	4.0
60°-70°	21.3	2.7
70°-80°	11.8	1.5
80°-90°	3.6	0.5
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°	462.9	58.9
0°-40°	632.3	80.4
0°-60°	749.4	95.3
0°-90°	786.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	786.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	819	
5°	798	74
15°	651	181
25°	453	208
35°	273	169
45°	108	85
55°	33	32
65°	21	21
75°	11	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	818.8
1°	817.8
2°	815.9
3°	812.0
4°	806.2
5°	798.4
6°	788.7
7°	779.0
8°	766.3
9°	753.7
10°	739.1
11°	723.6
12°	707.1
13°	688.6
14°	669.2
15°	650.8
17.5°	601.2
20°	550.7
22.5°	499.2
25°	452.6
27.5°	407.0
30°	362.3
32.5°	317.6
35°	272.9
37.5°	228.3
40°	184.5
42.5°	143.8
45°	107.8
47.5°	77.7
50°	53.4
52.5°	38.9
55°	33.0
57.5°	30.1
60°	27.2
62.5°	24.3
65°	21.4
67.5°	18.5
70°	16.5
72.5°	13.6
75°	10.7
77.5°	8.7
80°	6.8
82.5°	4.9
85°	2.9
87.5°	1.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)