

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: P1257411

Luminaire Tested: P3AS13R359040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257411
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: P3AS13R359040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

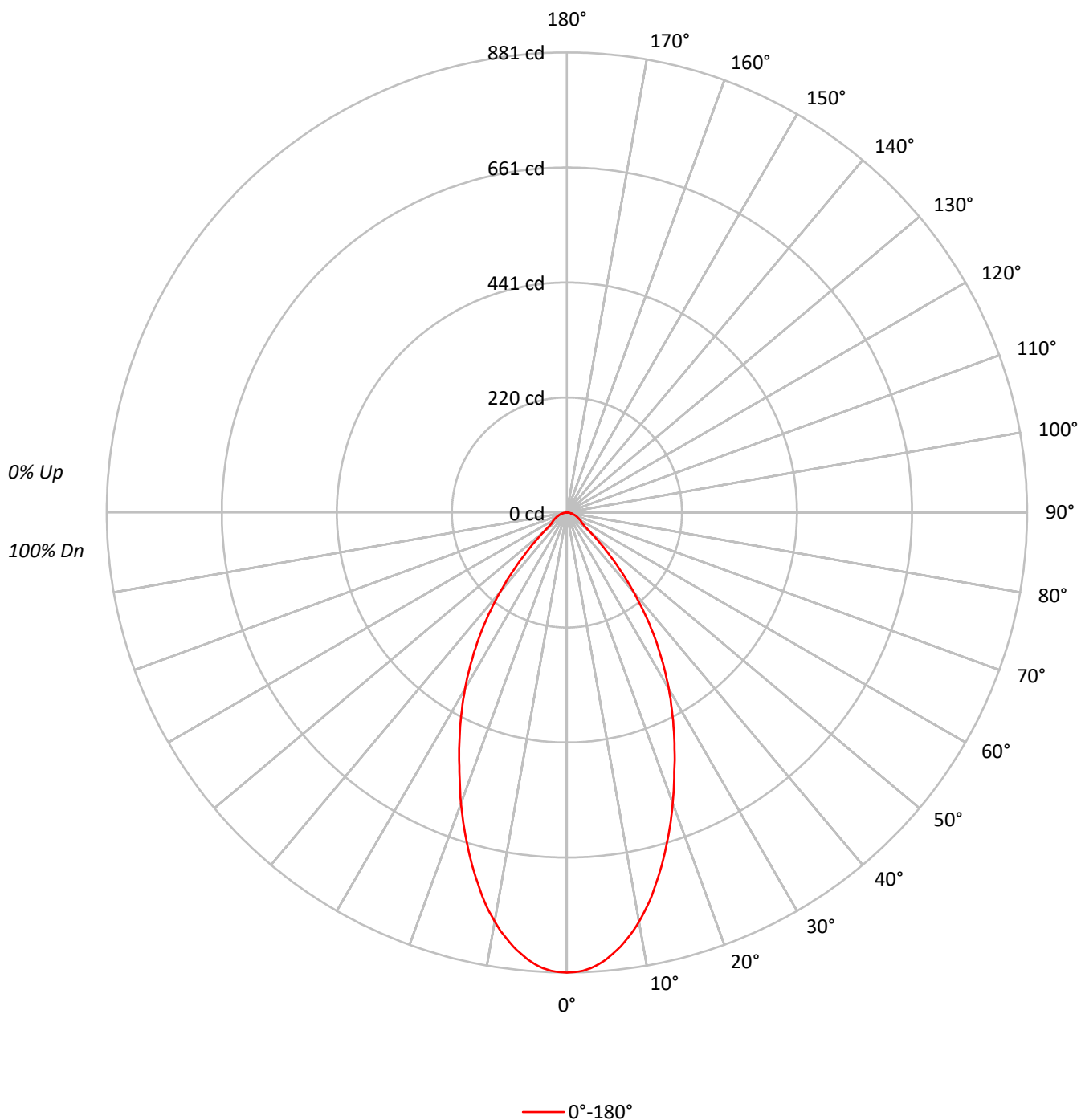
Lumens per Lamp: N/A
Luminaire Lumens: 846.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1257411

CATALOG NUMBER: P3AS13R359040DE010 E3DLD1MW

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°	193252
5°	189148
10°	177151
15°	159002
20°	138332
25°	117878
30°	98724
35°	78648
40°	56849
45°	35973
50°	19616
55°	13572
60°	12850
65°	11934
70°	11412
75°	9743
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35973 cd/sqm

TEST NUMBER: P1257411

CATALOG NUMBER: P3AS13R359040DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.0	9.5
10°-20°	194.9	23.0
20°-30°	223.4	26.4
30°-40°	182.3	21.5
40°-50°	91.9	10.9
50°-60°	34.1	4.0
60°-70°	22.9	2.7
70°-80°	12.7	1.5
80°-90°	3.8	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°	498.3	58.9
0°-40°	680.6	80.4
0°-60°	806.6	95.3
0°-90°	846.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	846.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	881	
5°	859	80
15°	700	195
25°	487	223
35°	294	182
45°	116	92
55°	36	34
65°	23	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	881.3
1°	880.3
2°	878.2
3°	874.0
4°	867.7
5°	859.3
6°	848.9
7°	838.4
8°	824.8
9°	811.3
10°	795.6
11°	778.8
12°	761.1
13°	741.2
14°	720.3
15°	700.4
17.5°	647.1
20°	592.8
22.5°	537.4
25°	487.2
27.5°	438.0
30°	389.9
32.5°	341.9
35°	293.8
37.5°	245.7
40°	198.6
42.5°	154.7
45°	116.0
47.5°	83.6
50°	57.5
52.5°	41.8
55°	35.5
57.5°	32.4
60°	29.3
62.5°	26.1
65°	23.0
67.5°	19.9
70°	17.8
72.5°	14.6
75°	11.5
77.5°	9.4
80°	7.3
82.5°	5.2
85°	3.1
87.5°	2.1



TEST NUMBER: P1257411
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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)