

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: P1257293

Luminaire Tested: P3AS13R159040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257293
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

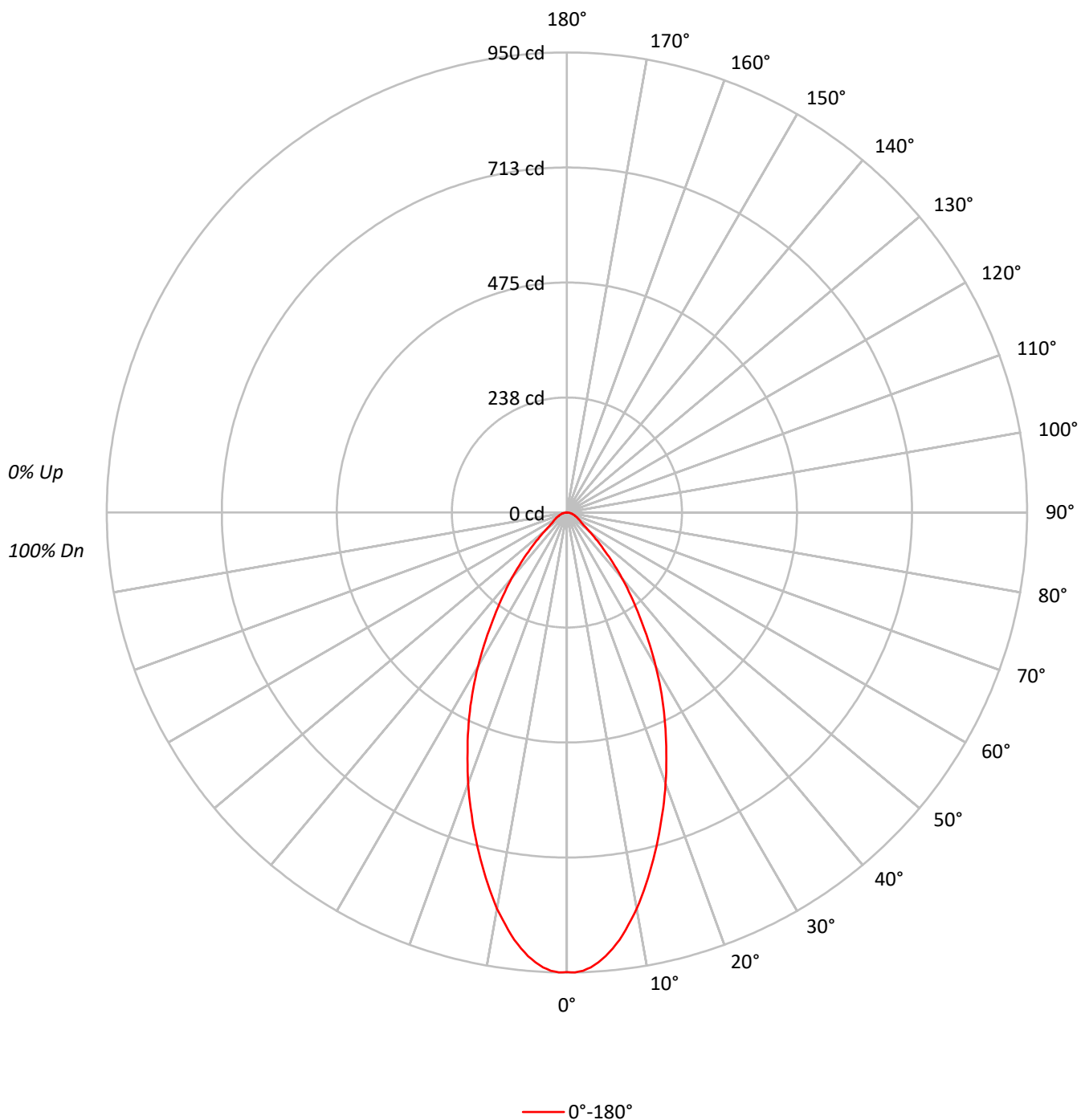
Lumens per Lamp: N/A
Luminaire Lumens: 824.9 lumens
Efficiency: N/A
Efficacy: 56.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	208097
5°	202443
10°	185011
15°	162044
20°	139009
25°	116063
30°	92875
35°	69654
40°	50552
45°	33058
50°	20673
55°	13992
60°	12367
65°	11363
70°	10707
75°	9743
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33058 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.9	10.3
10°-20°	198.9	24.1
20°-30°	219.1	26.6
30°-40°	164.1	19.9
40°-50°	85.1	10.3
50°-60°	35.3	4.3
60°-70°	21.8	2.6
70°-80°	12.3	1.5
80°-90°	3.5	0.4
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°	502.9	61.0
0°-40°	667.0	80.9
0°-60°	787.3	95.4
0°-90°	824.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	824.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	949	
5°	920	85
15°	714	199
25°	480	219
35°	260	164
45°	107	85
55°	37	35
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	949.0
1°	950.0
2°	946.9
3°	940.6
4°	931.2
5°	919.7
6°	905.1
7°	889.4
8°	870.6
9°	850.7
10°	830.9
12.5°	773.4
15°	713.8
17.5°	654.3
20°	595.7
22.5°	536.2
25°	479.7
27.5°	423.3
30°	366.8
32.5°	311.5
35°	260.2
37.5°	216.3
40°	176.6
42.5°	140.0
45°	106.6
47.5°	80.5
50°	60.6
52.5°	44.9
55°	36.6
57.5°	32.4
60°	28.2
62.5°	25.1
65°	21.9
67.5°	18.8
70°	16.7
72.5°	13.6
75°	11.5
77.5°	9.4
80°	7.3
82.5°	5.2
85°	3.1
87.5°	1.0
90°	0.0

(END OF REPORT)