

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: P1257299

Luminaire Tested: P3AS13R159040DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257299
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159040DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

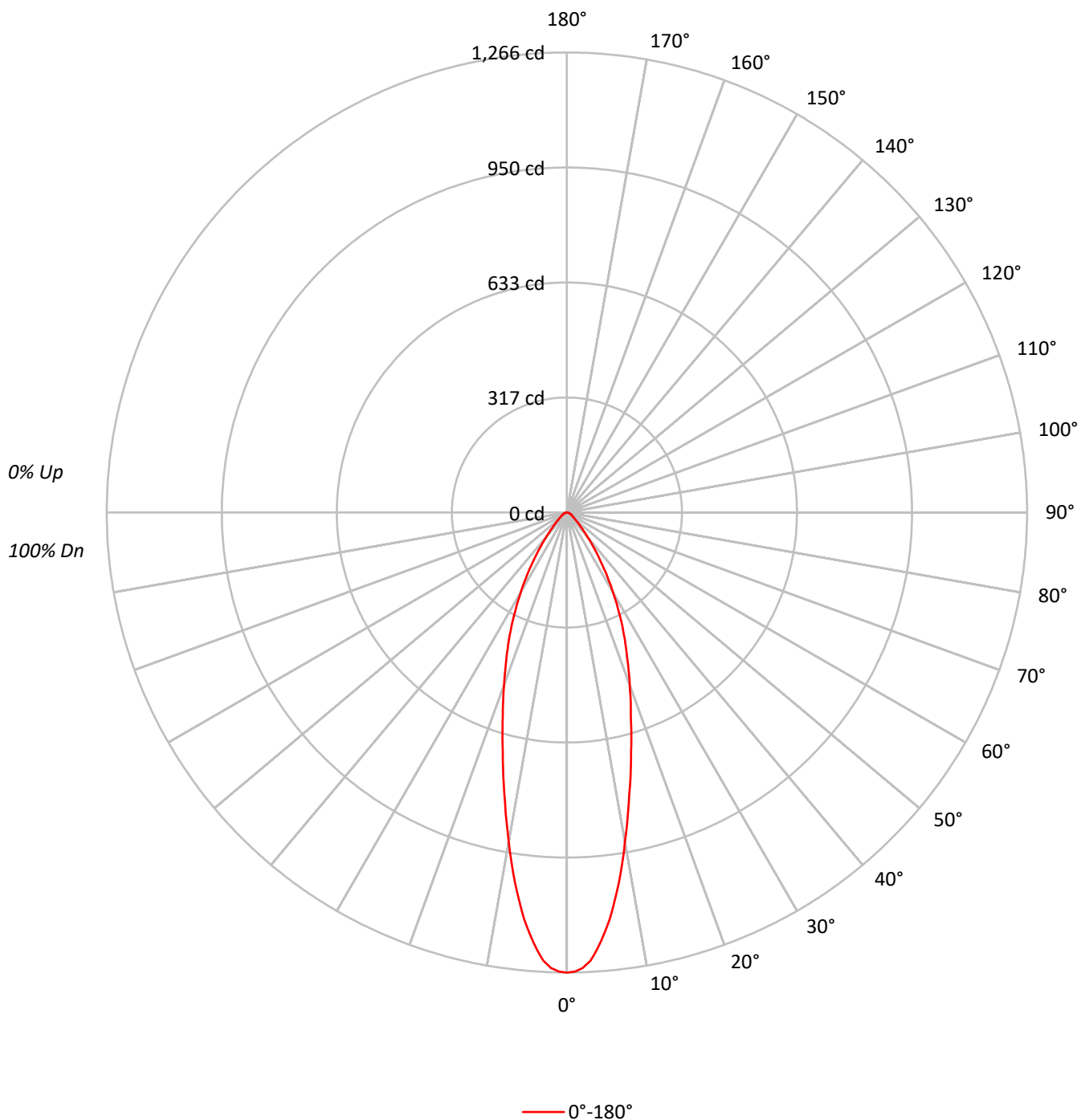
Lumens per Lamp: N/A
Luminaire Lumens: 644.0 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	108	106		111	108	106	104		104	102	101		100	99	98		97	96	95
2	108	103	98	95		105	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	84	82
4	97	90	84	80		95	88	83	79		86	82	78		84	81	78		82	79	77
5	93	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		87	79	73	69		77	72	69		76	71	68		74	71	68
7	84	75	69	65		83	74	69	65		73	68	64		72	67	64		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	68	62	58		76	67	62	58		66	61	58		65	61	57		64	60	57
10	74	64	59	55		73	64	59	55		63	58	55		62	58	55		62	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	277697
5°	256680
10°	204917
15°	154802
20°	117867
25°	89836
30°	64339
35°	42001
40°	25734
45°	15568
50°	10337
55°	7990
60°	6885
65°	5967
70°	5386
75°	5338
80°	3915
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.3	16.0
10°-20°	190.6	29.6
20°-30°	169.7	26.3
30°-40°	100.4	15.6
40°-50°	41.2	6.4
50°-60°	19.3	3.0
60°-70°	11.8	1.8
70°-80°	6.2	1.0
80°-90°	1.5	0.2
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°	463.6	72.0
0°-40°	563.9	87.6
0°-60°	624.5	97.0
0°-90°	644.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	644.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1266	
5°	1166	103
15°	682	191
25°	371	170
35°	157	100
45°	50	41
55°	21	19
65°	12	12
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1266.4
1°	1263.3
2°	1253.9
3°	1235.1
4°	1203.7
5°	1166.1
6°	1125.3
7°	1077.2
8°	1027.0
9°	975.7
10°	920.3
12.5°	793.8
15°	681.9
17.5°	585.6
20°	505.1
22.5°	434.0
25°	371.3
27.5°	310.6
30°	254.1
32.5°	202.9
35°	156.9
37.5°	120.3
40°	89.9
42.5°	66.9
45°	50.2
47.5°	38.7
50°	30.3
52.5°	25.1
55°	20.9
57.5°	17.8
60°	15.7
62.5°	13.6
65°	11.5
67.5°	10.5
70°	8.4
72.5°	7.3
75°	6.3
77.5°	4.2
80°	3.1
82.5°	2.1
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)