

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: P1265043

Luminaire Tested: P3A13R259730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265043
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

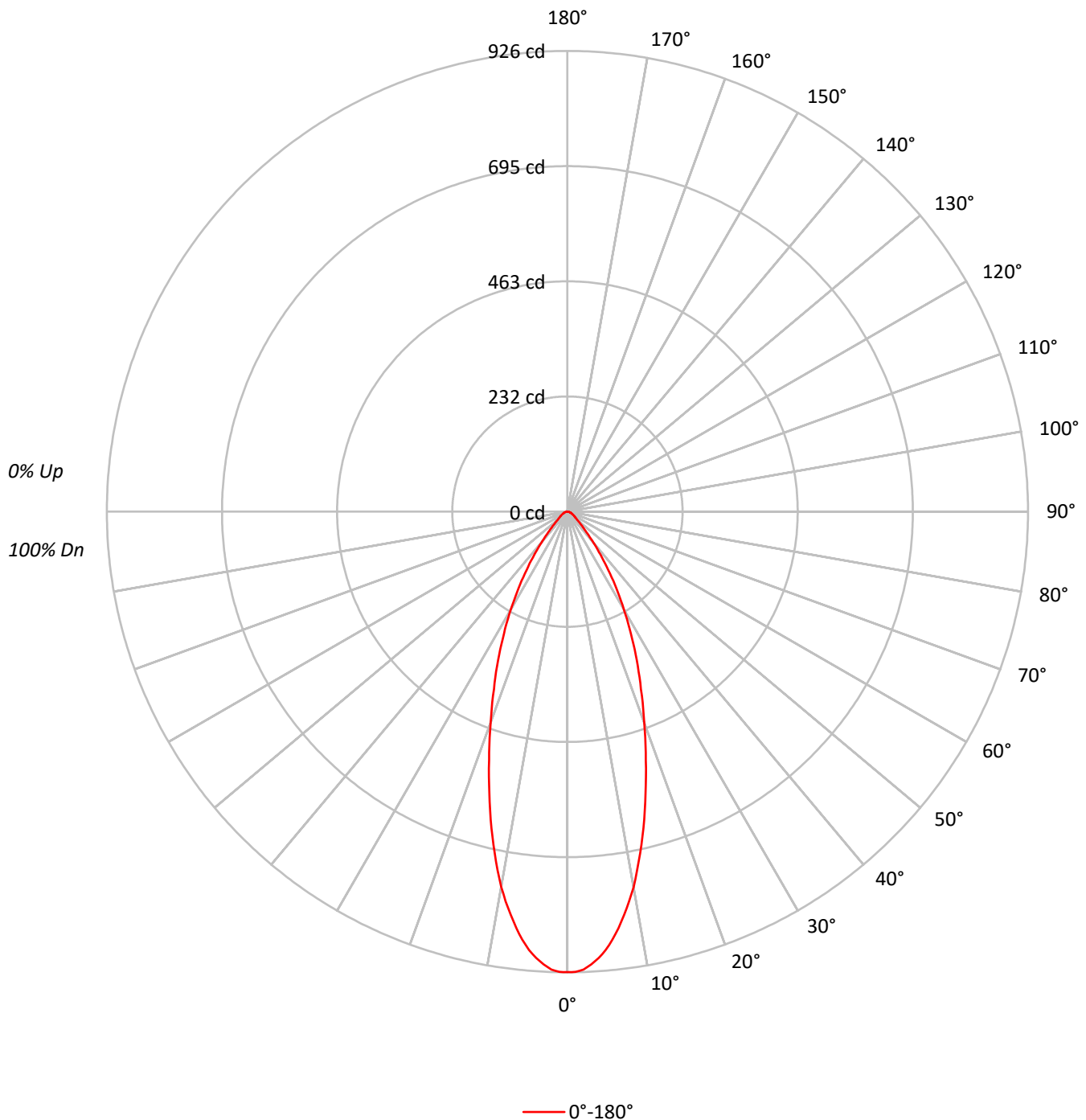
Lumens per Lamp: N/A
Luminaire Lumens: 559.0 lumens
Efficiency: N/A
Efficacy: 38.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202944
5°	194717
10°	170560
15°	137095
20°	105336
25°	79698
30°	57604
35°	38253
40°	23186
45°	13521
50°	8631
55°	6996
60°	6096
65°	5448
70°	4488
75°	4406
80°	3283
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13521 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.5	14.4
10°-20°	167.0	29.9
20°-30°	151.0	27.0
30°-40°	90.7	16.2
40°-50°	36.0	6.4
50°-60°	16.6	3.0
60°-70°	10.1	1.8
70°-80°	5.4	1.0
80°-90°	1.5	0.3
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°	398.6	71.3
0°-40°	489.3	87.5
0°-60°	541.9	96.9
0°-90°	559.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	559.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	926	
5°	885	81
15°	604	167
25°	329	151
35°	143	91
45°	44	36
55°	18	17
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	925.5
1°	925.5
2°	921.2
3°	911.6
4°	899.4
5°	884.6
6°	865.4
7°	843.6
8°	818.3
9°	793.1
10°	766.0
11°	734.7
12°	702.4
13°	670.2
14°	637.9
15°	603.9
17.5°	523.8
20°	451.4
22.5°	386.1
25°	329.4
27.5°	276.3
30°	227.5
32.5°	183.0
35°	142.9
37.5°	108.9
40°	81.0
42.5°	59.3
45°	43.6
47.5°	33.1
50°	25.3
52.5°	20.9
55°	18.3
57.5°	15.7
60°	13.9
62.5°	11.3
65°	10.5
67.5°	8.7
70°	7.0
72.5°	6.1
75°	5.2
77.5°	4.4
80°	2.6
82.5°	1.7
85°	1.7
87.5°	0.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)