

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: P1267364

Luminaire Tested: P3A13R159735DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267364
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: P3A13R159735DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

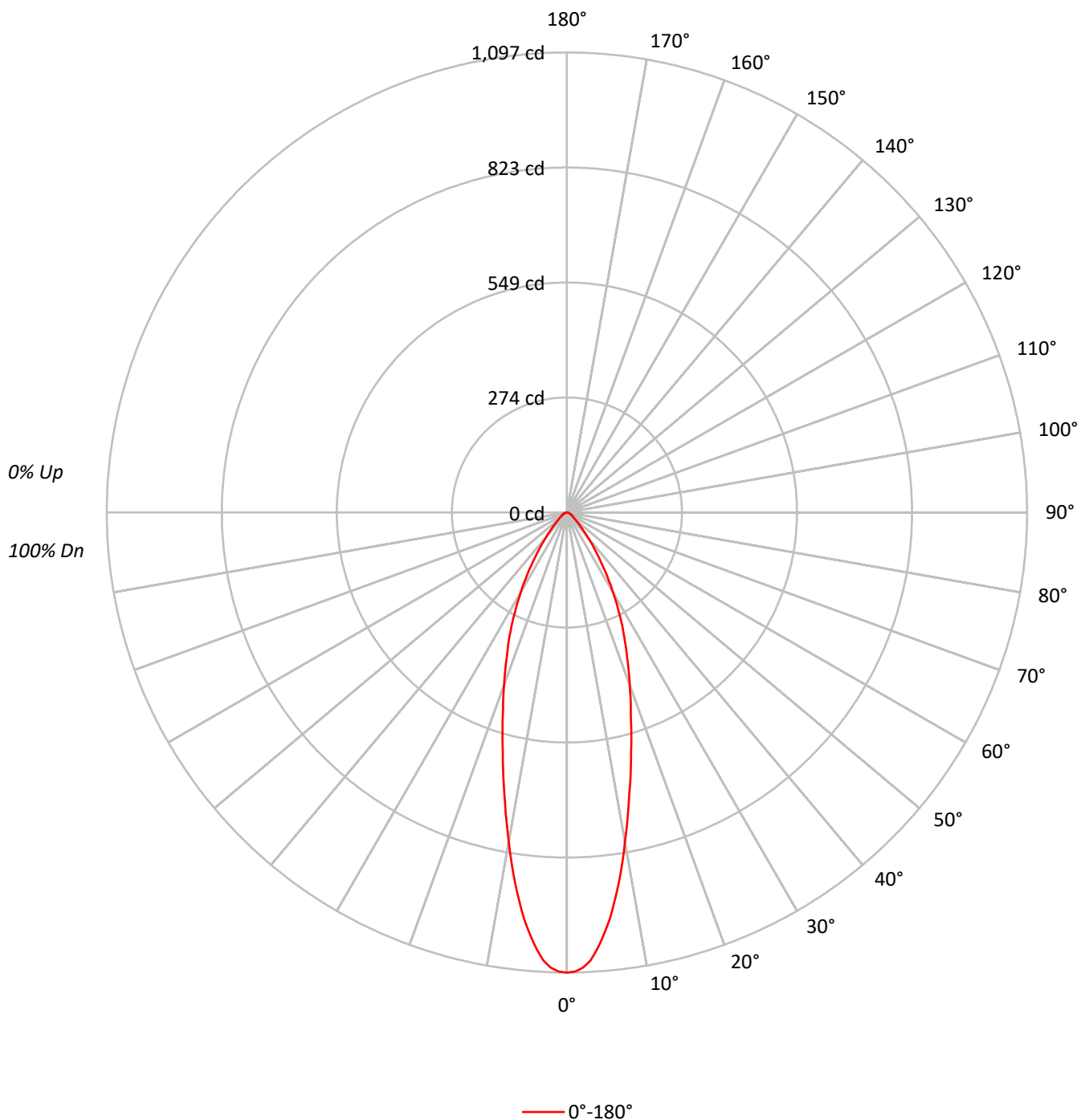
Lumens per Lamp: N/A
Luminaire Lumens: 558.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					50					30					10
RW	70	50	30	10	70	50	30	10	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	100	97	93
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	91	88
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	84	81
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	78	75
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	73	70
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	68	66
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	64	62
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	60	59
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	68	63	60	59	57	56
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	54	53
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	51	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	240617
5°	222386
10°	177552
15°	134121
20°	102139
25°	77835
30°	55755
35°	36379
40°	22299
45°	13490
50°	8972
55°	6920
60°	5964
65°	5189
70°	4616
75°	4575
80°	3410
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 13490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.5	16.0
10°-20°	165.1	29.6
20°-30°	147.0	26.3
30°-40°	87.0	15.6
40°-50°	35.7	6.4
50°-60°	16.7	3.0
60°-70°	10.2	1.8
70°-80°	5.3	1.0
80°-90°	1.3	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°	401.6	72.0
0°-40°	488.6	87.6
0°-60°	541.1	97.0
0°-90°	558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	558.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1097	
5°	1010	89
15°	591	165
25°	322	147
35°	136	87
45°	44	36
55°	18	17
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1097.3
1°	1094.6
2°	1086.5
3°	1070.1
4°	1043.0
5°	1010.3
6°	975.0
7°	933.3
8°	889.8
9°	845.4
10°	797.4
12.5°	687.8
15°	590.8
17.5°	507.4
20°	437.7
22.5°	376.0
25°	321.7
27.5°	269.1
30°	220.2
32.5°	175.8
35°	135.9
37.5°	104.2
40°	77.9
42.5°	58.0
45°	43.5
47.5°	33.5
50°	26.3
52.5°	21.7
55°	18.1
57.5°	15.4
60°	13.6
62.5°	11.8
65°	10.0
67.5°	9.1
70°	7.2
72.5°	6.3
75°	5.4
77.5°	3.6
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)