

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: P1246027

Luminaire Tested: P3A05R159024DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246027
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: P3A05R159024DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

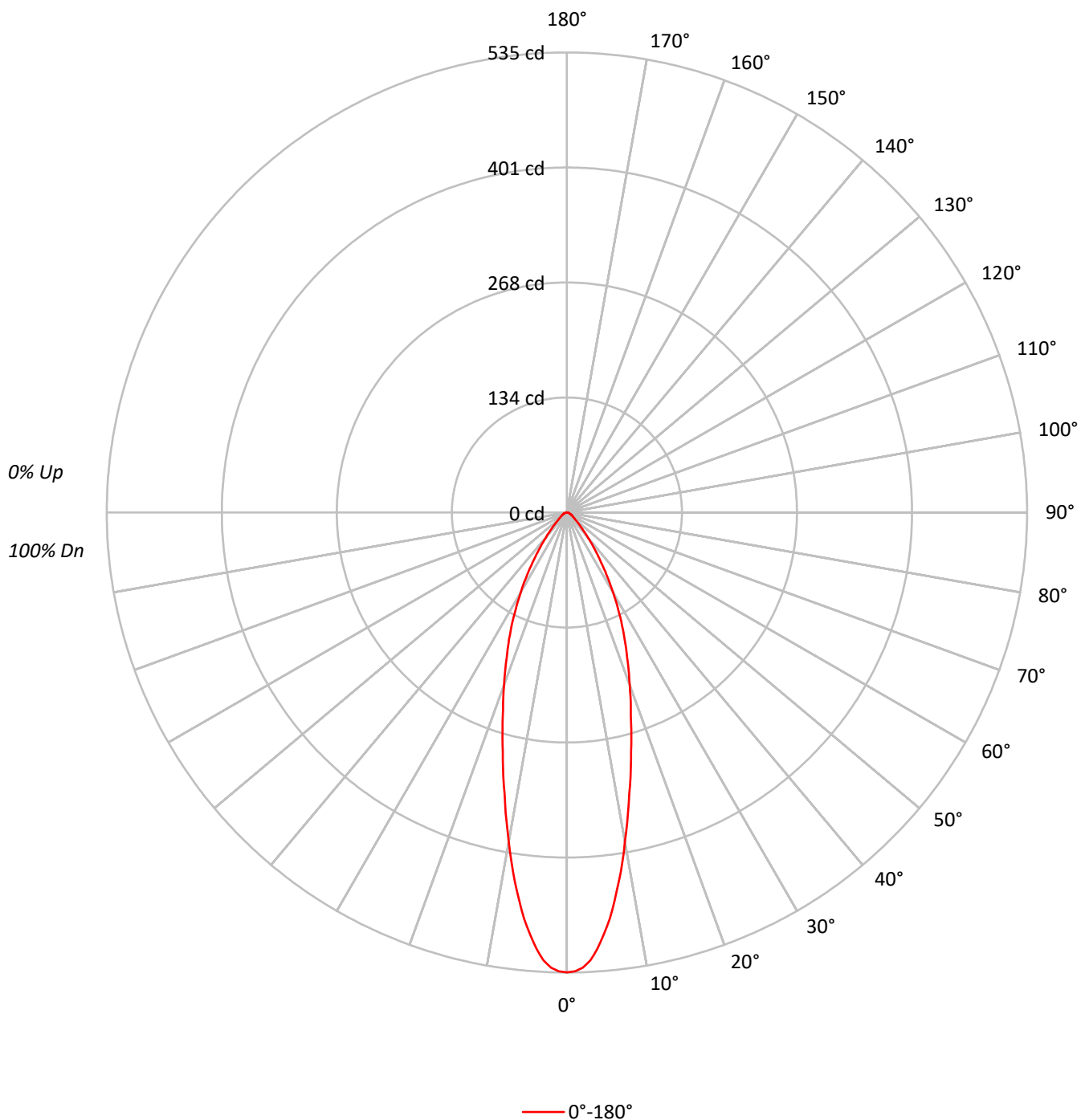
Lumens per Lamp: N/A
Luminaire Lumens: 272.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	68	63	60	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117293
5°	108408
10°	86549
15°	65381
20°	49774
25°	37938
30°	27169
35°	17748
40°	10878
45°	6574
50°	4367
55°	3364
60°	2895
65°	2542
70°	2244
75°	2288
80°	1642
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6574 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	16.0
10°-20°	80.5	29.6
20°-30°	71.7	26.3
30°-40°	42.4	15.6
40°-50°	17.4	6.4
50°-60°	8.2	3.0
60°-70°	5.0	1.8
70°-80°	2.6	1.0
80°-90°	0.6	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°	195.8	72.0
0°-40°	238.2	87.6
0°-60°	263.7	97.0
0°-90°	272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	272.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	535	
5°	492	44
15°	288	80
25°	157	72
35°	66	42
45°	21	17
55°	9	8
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	534.9
1°	533.6
2°	529.6
3°	521.6
4°	508.4
5°	492.5
6°	475.3
7°	454.9
8°	433.7
9°	412.1
10°	388.7
12.5°	335.2
15°	288.0
17.5°	247.4
20°	213.3
22.5°	183.3
25°	156.8
27.5°	131.2
30°	107.3
32.5°	85.7
35°	66.3
37.5°	50.8
40°	38.0
42.5°	28.3
45°	21.2
47.5°	16.3
50°	12.8
52.5°	10.6
55°	8.8
57.5°	7.5
60°	6.6
62.5°	5.7
65°	4.9
67.5°	4.4
70°	3.5
72.5°	3.1
75°	2.7
77.5°	1.8
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)