

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: P1246143

Luminaire Tested: P3A05R359024DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246143
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359024DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

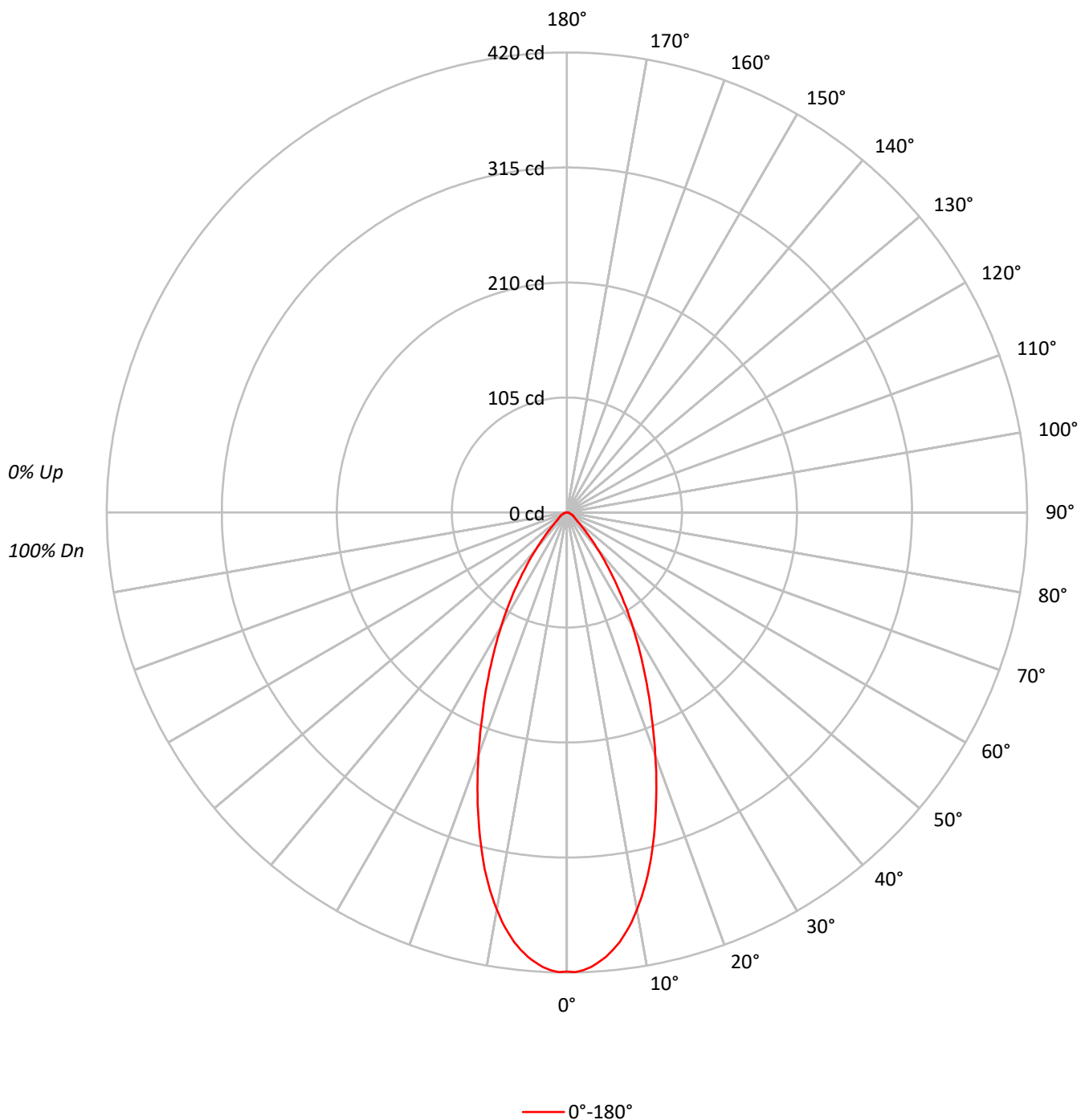
Lumens per Lamp: N/A
Luminaire Lumens: 286.0 lumens
Efficiency: N/A
Efficacy: 39.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91922
5°	89654
10°	81962
15°	69580
20°	55071
25°	41664
30°	30334
35°	20505
40°	12595
45°	7226
50°	4367
55°	3517
60°	3070
65°	2750
70°	2244
75°	2203
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.6	13.2
10°-20°	84.5	29.5
20°-30°	79.0	27.6
30°-40°	48.4	16.9
40°-50°	19.1	6.7
50°-60°	8.4	2.9
60°-70°	5.2	1.8
70°-80°	2.8	1.0
80°-90°	1.0	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°	201.2	70.4
0°-40°	249.6	87.3
0°-60°	277.0	96.9
0°-90°	286.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	286.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	419	
5°	407	38
15°	306	84
25°	172	79
35°	77	48
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	419.2
1°	419.7
2°	418.3
3°	415.7
4°	411.7
5°	407.3
6°	401.6
7°	395.0
8°	387.1
9°	378.3
10°	368.1
11°	357.6
12°	346.1
13°	333.8
14°	320.1
15°	306.5
17.5°	271.3
20°	236.0
22.5°	202.1
25°	172.2
27.5°	144.4
30°	119.8
32.5°	96.9
35°	76.6
37.5°	58.6
40°	44.0
42.5°	31.7
45°	23.3
47.5°	16.7
50°	12.8
52.5°	10.6
55°	9.2
57.5°	7.9
60°	7.0
62.5°	6.2
65°	5.3
67.5°	4.4
70°	3.5
72.5°	3.1
75°	2.6
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)