

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: P1264340

Luminaire Tested: P3A05R409730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264340
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R409730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

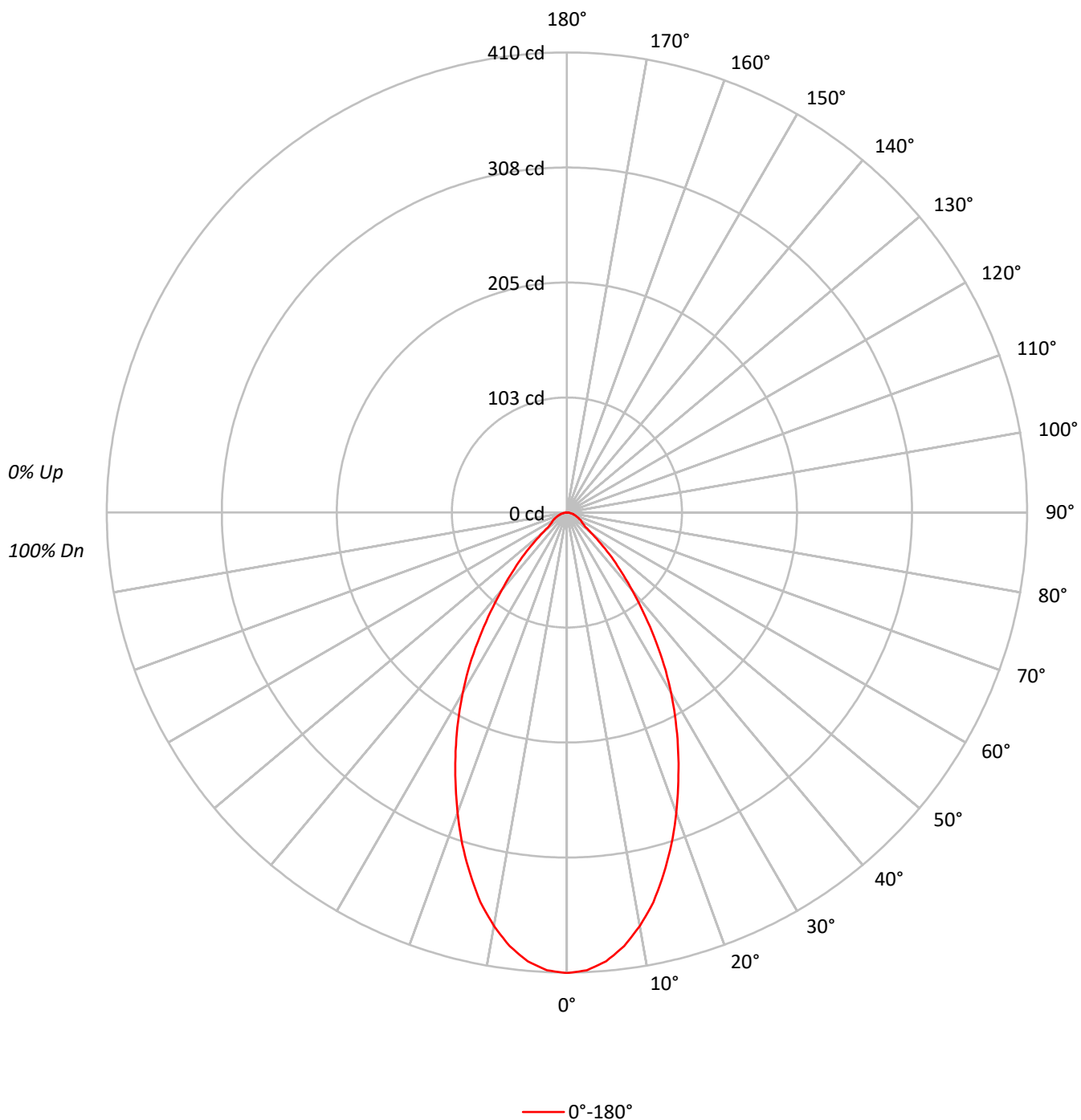
Lumens per Lamp: N/A
Luminaire Lumens: 401.0 lumens
Efficiency: N/A
Efficacy: 55.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1264340

CATALOG NUMBER: P3A05R409730DE010 E3DLD1MW

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90015
5°	88377
10°	83321
15°	75664
20°	66482
25°	56761
30°	47020
35°	36272
40°	25820
45°	17397
50°	9484
55°	6690
60°	6315
65°	5811
70°	5193
75°	4914
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17397 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.4	9.3
10°-20°	92.9	23.2
20°-30°	107.3	26.8
30°-40°	84.6	21.1
40°-50°	43.4	10.8
50°-60°	16.6	4.1
60°-70°	11.0	2.7
70°-80°	6.0	1.5
80°-90°	1.8	0.4
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°	237.6	59.3
0°-40°	322.2	80.4
0°-60°	382.3	95.3
0°-90°	401.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	410	
5°	402	37
15°	333	93
25°	235	107
35°	136	85
45°	56	43
55°	18	17
65°	11	11
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	410.5
2.5°	408.3
5°	401.5
7.5°	389.9
10°	374.2
12.5°	355.8
15°	333.3
17.5°	310.0
20°	284.9
22.5°	259.3
25°	234.6
27.5°	210.0
30°	185.7
32.5°	161.1
35°	135.5
37.5°	111.7
40°	90.2
42.5°	71.8
45°	56.1
47.5°	40.8
50°	27.8
52.5°	20.2
55°	17.5
57.5°	15.7
60°	14.4
62.5°	12.6
65°	11.2
67.5°	9.4
70°	8.1
72.5°	6.7
75°	5.8
77.5°	4.5
80°	3.1
82.5°	2.7
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)