

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: P1261977

Luminaire Tested: P3AS05R459727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261977
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

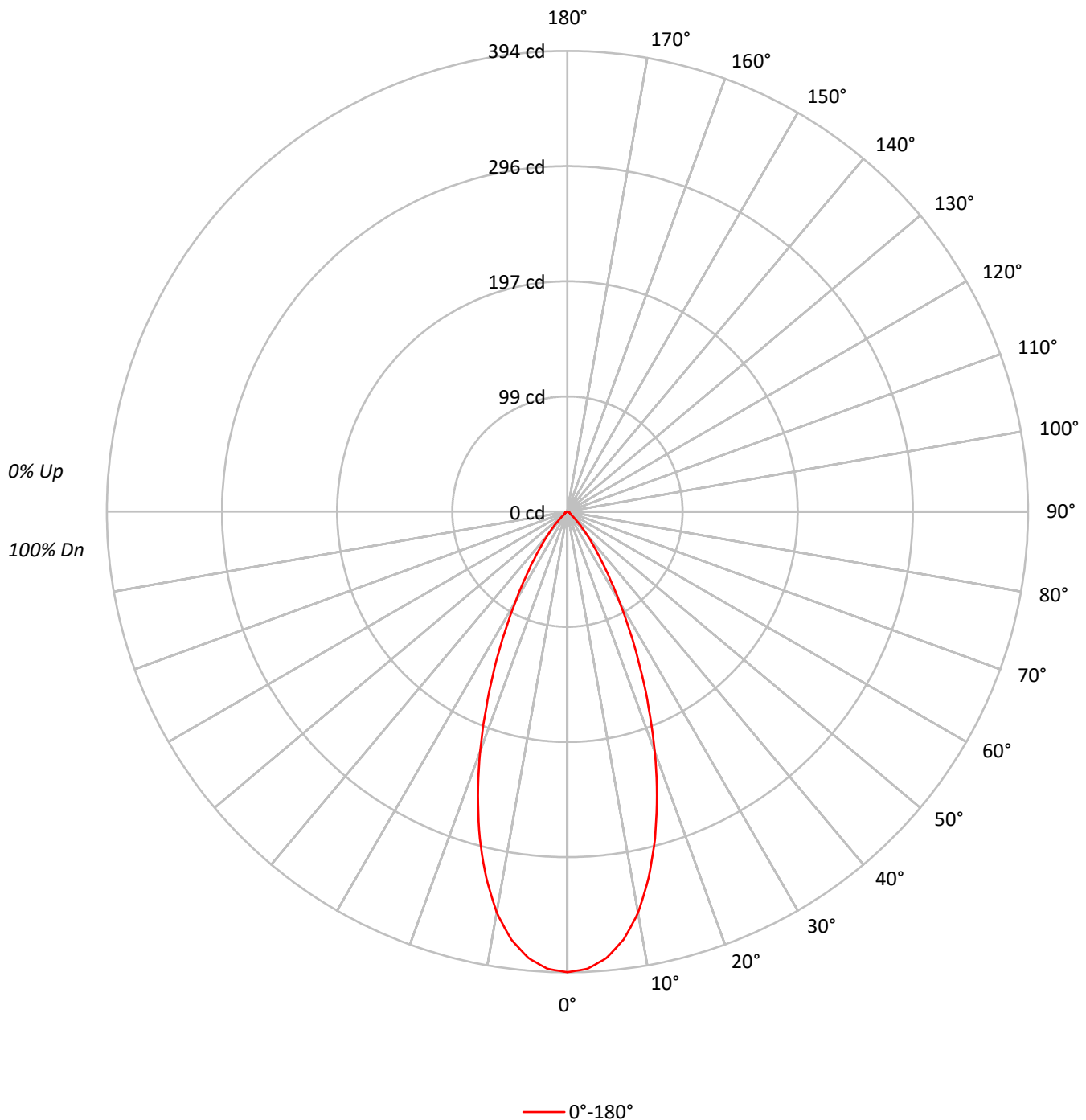
Lumens per Lamp: N/A
Luminaire Lumens: 230.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86375
5°	84349
10°	77531
15°	65698
20°	50964
25°	35639
30°	22459
35°	13224
40°	7471
45°	3628
50°	1262
55°	1032
60°	1009
65°	986
70°	898
75°	847
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3628 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	15.4
10°-20°	79.5	34.6
20°-30°	67.5	29.3
30°-40°	32.2	14.0
40°-50°	9.7	4.2
50°-60°	2.5	1.1
60°-70°	1.8	0.8
70°-80°	1.1	0.5
80°-90°	0.3	0.1
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°	182.4	79.3
0°-40°	214.6	93.3
0°-60°	226.8	98.6
0°-90°	230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	230.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	394	
5°	383	35
15°	289	79
25°	147	67
35°	49	32
45°	12	10
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	393.9
2.5°	391.4
5°	383.2
7.5°	369.0
10°	348.2
12.5°	320.7
15°	289.4
17.5°	254.6
20°	218.4
22.5°	181.6
25°	147.3
27.5°	116.0
30°	88.7
32.5°	66.6
35°	49.4
37.5°	36.4
40°	26.1
42.5°	18.1
45°	11.7
47.5°	6.6
50°	3.7
52.5°	2.9
55°	2.7
57.5°	2.5
60°	2.3
62.5°	2.1
65°	1.9
67.5°	1.6
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)