

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: P1266880

Luminaire Tested: P3A05R709735DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266880
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R709735DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

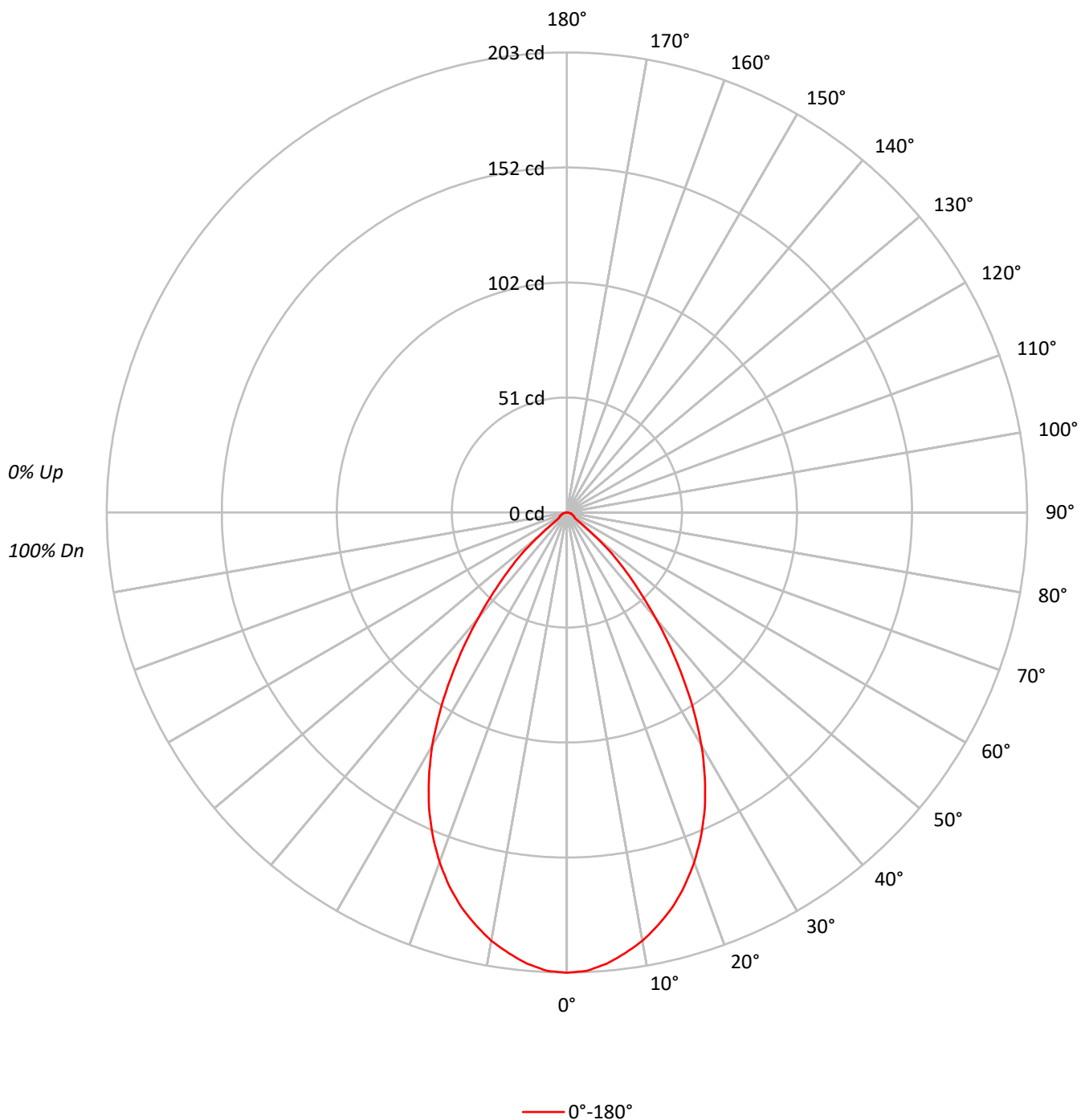
Lumens per Lamp: N/A
Luminaire Lumens: 230.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	44536
5°	44002
10°	42729
15°	40908
20°	38317
25°	34817
30°	30081
35°	23958
40°	17461
45°	11474
50°	5390
55°	1644
60°	1623
65°	1557
70°	1475
75°	1525
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11474 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	8.2
10°-20°	50.4	21.9
20°-30°	65.6	28.5
30°-40°	55.6	24.2
40°-50°	28.7	12.5
50°-60°	5.5	2.4
60°-70°	3.0	1.3
70°-80°	1.8	0.8
80°-90°	0.5	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°	134.8	58.6
0°-40°	190.4	82.8
0°-60°	224.7	97.7
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°	203	
5°	200	19
15°	180	50
25°	144	66
35°	90	56
45°	37	29
55°	4	6
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	203.1
2.5°	202.4
5°	199.9
7.5°	196.2
10°	191.9
12.5°	186.4
15°	180.2
17.5°	172.7
20°	164.2
22.5°	154.6
25°	143.9
27.5°	131.8
30°	118.8
32.5°	104.4
35°	89.5
37.5°	74.9
40°	61.0
42.5°	48.0
45°	37.0
47.5°	27.2
50°	15.8
52.5°	6.9
55°	4.3
57.5°	4.1
60°	3.7
62.5°	3.4
65°	3.0
67.5°	2.7
70°	2.3
72.5°	2.1
75°	1.8
77.5°	1.4
80°	1.1
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)