

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: P1248707

Luminaire Tested: P3AS05R709027DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248707
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R709027DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

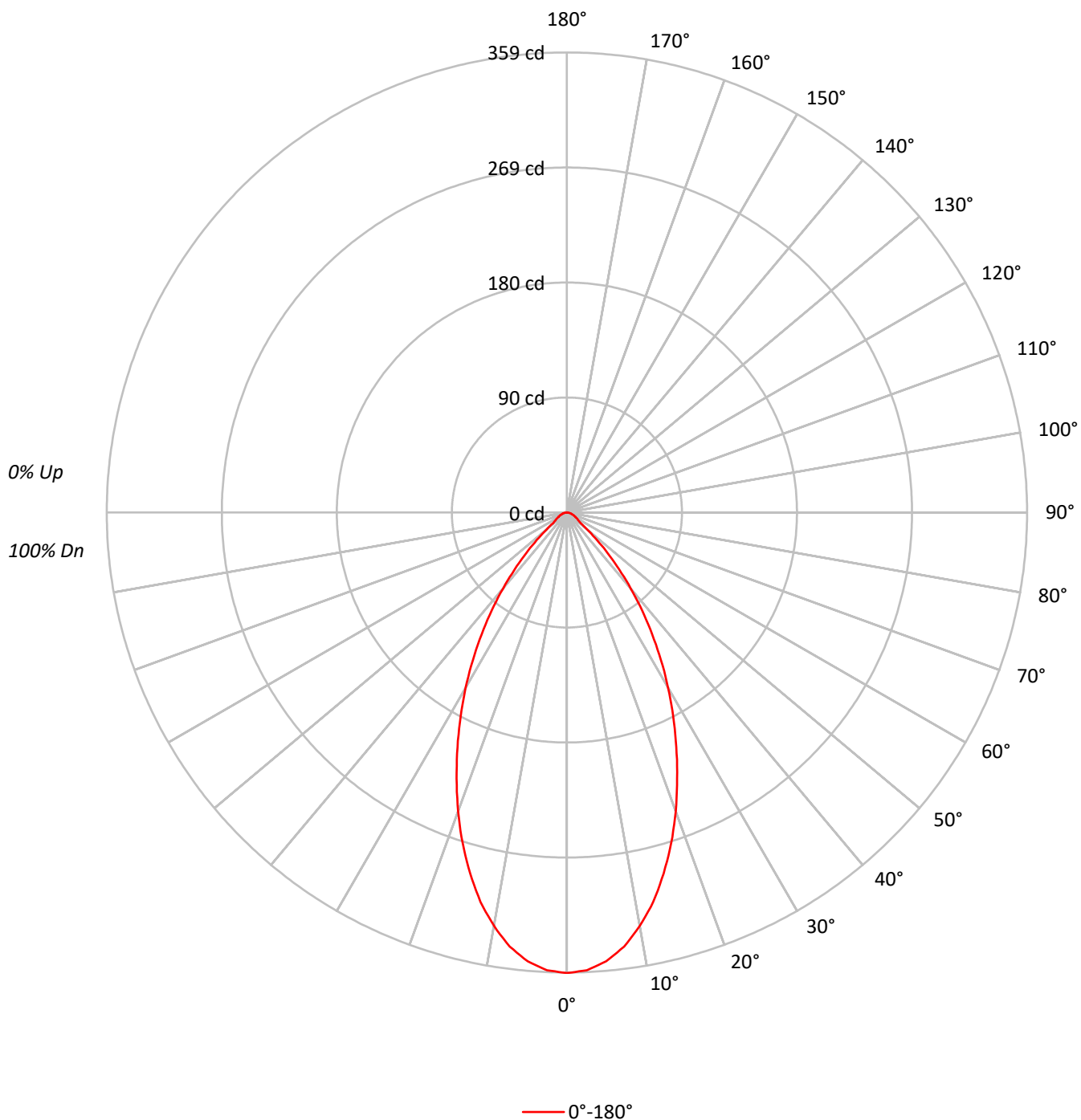
Lumens per Lamp: N/A
Luminaire Lumens: 336.0 lumens
Efficiency: N/A
Efficacy: 46.7 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	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
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	97	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	83		89	85	81		87	83	80		84	81	79
4	95	86	80	76		93	85	80	75		83	78	74		81	77	73		79	76	73
5	89	80	74	69		88	79	73	69		78	72	68		76	71	68		74	70	67
6	85	75	68	64		83	74	68	64		73	67	63		71	66	63		70	65	62
7	80	70	64	59		79	69	63	59		68	62	58		67	62	58		66	61	58
8	76	66	59	55		75	65	59	55		64	58	54		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	58	52	48		67	58	52	48		57	51	48		56	51	48		55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78809
5°	77372
10°	72945
15°	66198
20°	57918
25°	48850
30°	40006
35°	31026
40°	22213
45°	14048
50°	7027
55°	4282
60°	3684
65°	3373
70°	3013
75°	2796
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14048 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.8	9.8
10°-20°	81.1	24.1
20°-30°	92.4	27.5
30°-40°	72.3	21.5
40°-50°	35.5	10.6
50°-60°	10.9	3.3
60°-70°	6.5	1.9
70°-80°	3.5	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°	206.4	61.4
0°-40°	278.7	82.9
0°-60°	325.1	96.7
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	359	
5°	352	33
15°	292	81
25°	202	92
35°	116	72
45°	45	36
55°	11	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	359.4
2.5°	357.5
5°	351.5
7.5°	341.7
10°	327.6
12.5°	311.3
15°	291.6
17.5°	270.6
20°	248.2
22.5°	224.8
25°	201.9
27.5°	179.5
30°	158.0
32.5°	136.5
35°	115.9
37.5°	96.3
40°	77.6
42.5°	60.3
45°	45.3
47.5°	31.8
50°	20.6
52.5°	13.6
55°	11.2
57.5°	9.8
60°	8.4
62.5°	7.5
65°	6.5
67.5°	5.6
70°	4.7
72.5°	3.7
75°	3.3
77.5°	2.8
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)