

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: P1246172

Luminaire Tested: P3AS05R409024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246172
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R409024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

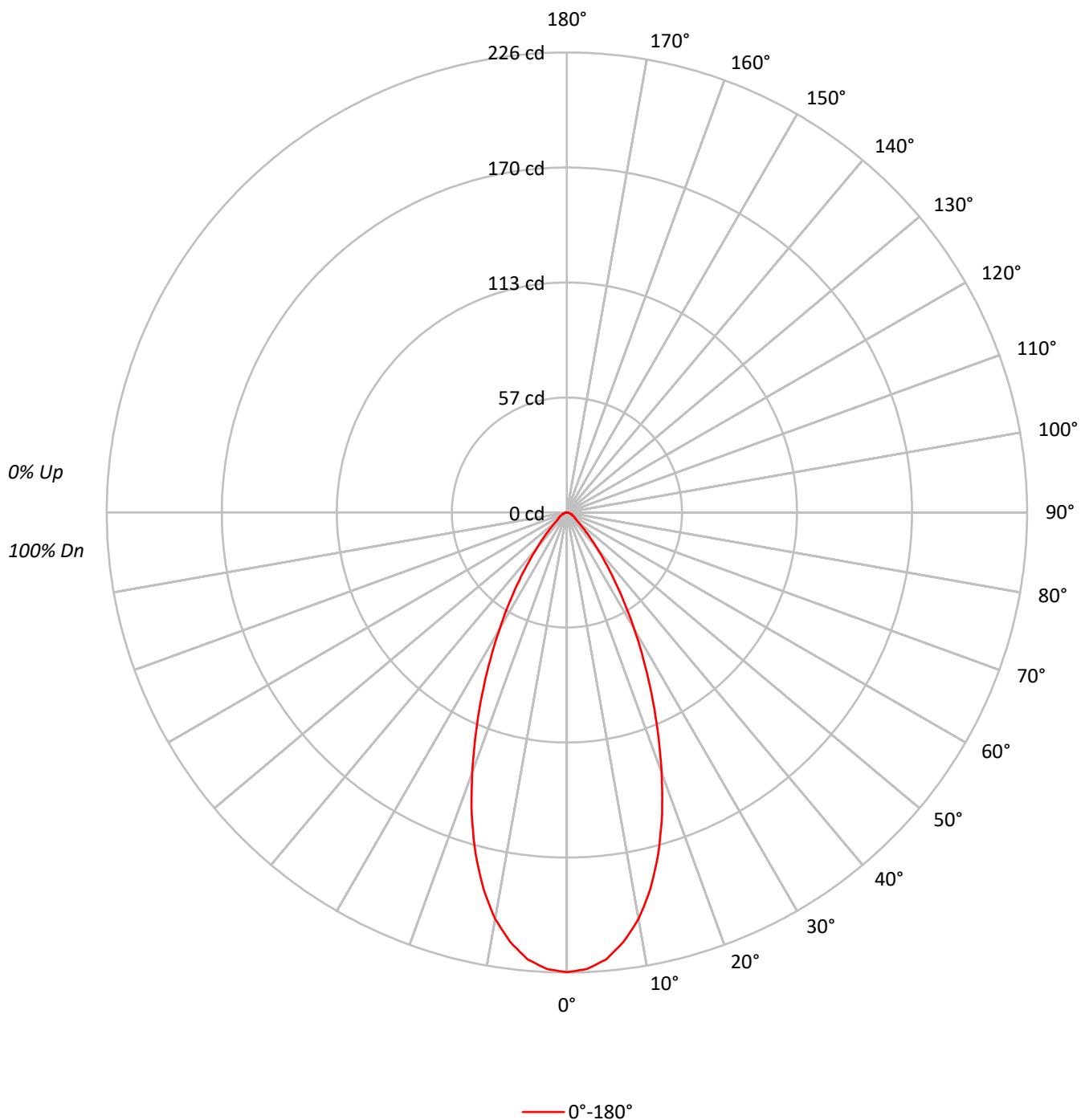
Lumens per Lamp: N/A
Luminaire Lumens: 159.0 lumens
Efficiency: N/A
Efficacy: 22.1 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95
2	107	102	98	95		105	101	97	94		97	94	91		94	92	89		92	89	88
3	102	95	90	86		100	94	89	85		91	87	84		89	85	83		86	84	81
4	97	89	83	79		95	88	83	79		86	81	78		84	80	77		82	79	76
5	92	83	78	73		90	82	77	73		81	76	72		79	75	72		77	74	71
6	87	78	72	68		86	78	72	68		76	71	67		75	70	67		73	70	66
7	83	74	68	64		82	73	68	64		72	67	63		71	66	63		70	66	62
8	79	70	64	60		78	69	64	60		68	63	59		67	63	59		66	62	59
9	76	66	60	56		75	66	60	56		65	60	56		64	59	56		63	59	56
10	72	63	57	53		71	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49514
5°	48514
10°	45156
15°	39365
20°	31713
25°	23784
30°	16711
35°	10949
40°	6641
45°	3969
50°	2354
55°	1912
60°	1710
65°	1453
70°	1410
75°	1101
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3969 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	12.9
10°-20°	47.8	30.0
20°-30°	45.0	28.3
30°-40°	26.0	16.4
40°-50°	10.4	6.5
50°-60°	4.6	2.9
60°-70°	2.8	1.8
70°-80°	1.5	0.9
80°-90°	0.4	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°	113.2	71.2
0°-40°	139.3	87.6
0°-60°	154.2	97.0
0°-90°	159.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	159.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	226	
5°	220	20
15°	173	48
25°	98	45
35°	41	26
45°	13	10
55°	5	5
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	225.8
2.5°	224.5
5°	220.4
7.5°	212.8
10°	202.8
12.5°	189.4
15°	173.4
17.5°	155.4
20°	135.9
22.5°	116.5
25°	98.3
27.5°	81.4
30°	66.0
32.5°	52.6
35°	40.9
37.5°	31.0
40°	23.2
42.5°	17.3
45°	12.8
47.5°	9.3
50°	6.9
52.5°	5.6
55°	5.0
57.5°	4.5
60°	3.9
62.5°	3.2
65°	2.8
67.5°	2.4
70°	2.2
72.5°	1.7
75°	1.3
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)