

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: P1246336

Luminaire Tested: P3AS05R709024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246336
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: P3AS05R709024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

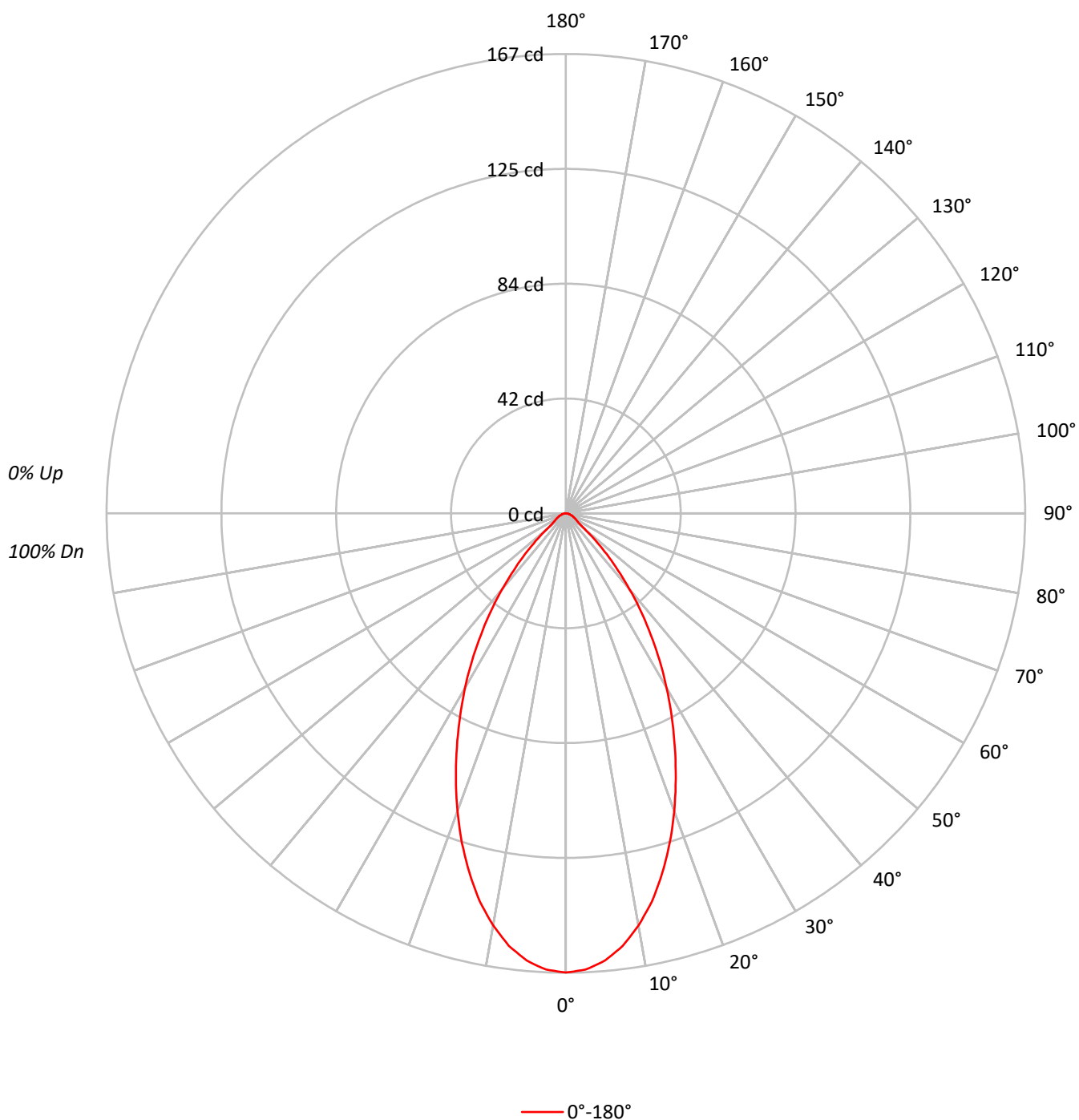
Lumens per Lamp: N/A
Luminaire Lumens: 156.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	36598
5°	35923
10°	33867
15°	30738
20°	26882
25°	22671
30°	18560
35°	14402
40°	10305
45°	6512
50°	3241
55°	1988
60°	1710
65°	1557
70°	1410
75°	1271
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	9.8
10°-20°	37.7	24.2
20°-30°	42.9	27.5
30°-40°	33.6	21.5
40°-50°	16.5	10.6
50°-60°	5.1	3.3
60°-70°	3.0	1.9
70°-80°	1.6	1.0
80°-90°	0.5	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°	95.8	61.4
0°-40°	129.3	82.9
0°-60°	150.9	96.7
0°-90°	156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	156.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	167	
5°	163	15
15°	135	38
25°	94	43
35°	54	34
45°	21	16
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	166.9
2.5°	166.0
5°	163.2
7.5°	158.6
10°	152.1
12.5°	144.5
15°	135.4
17.5°	125.6
20°	115.2
22.5°	104.4
25°	93.7
27.5°	83.3
30°	73.3
32.5°	63.4
35°	53.8
37.5°	44.7
40°	36.0
42.5°	28.0
45°	21.0
47.5°	14.8
50°	9.5
52.5°	6.3
55°	5.2
57.5°	4.6
60°	3.9
62.5°	3.5
65°	3.0
67.5°	2.6
70°	2.2
72.5°	1.7
75°	1.5
77.5°	1.3
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)