

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: P1248701

Luminaire Tested: P3AS05R709027DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248701
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: P3AS05R709027DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

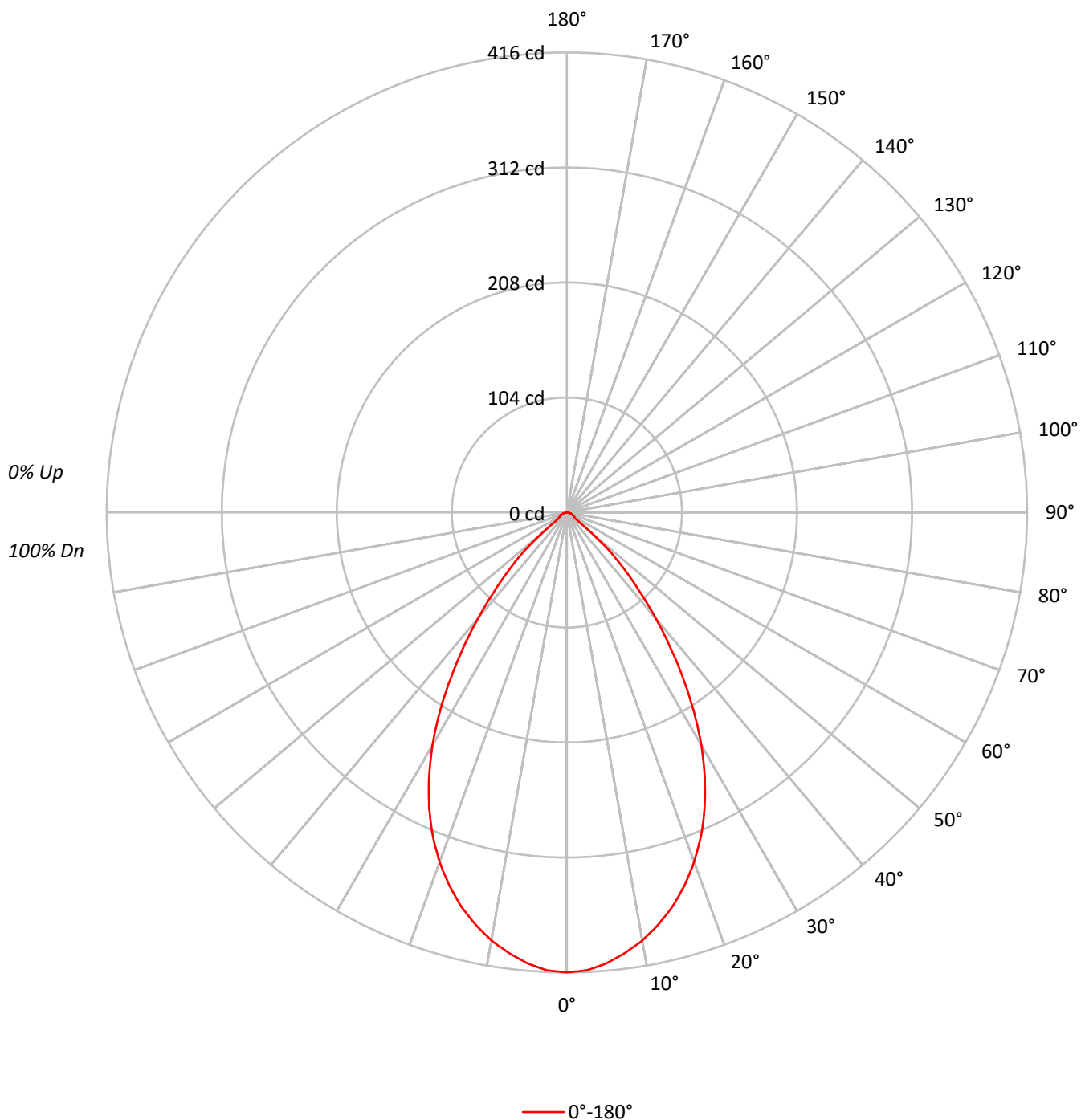
Lumens per Lamp: N/A
Luminaire Lumens: 471.0 lumens
Efficiency: N/A
Efficacy: 65.4 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1248701

CATALOG NUMBER: P3AS05R709027DE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1248701

CATALOG NUMBER: P3AS05R709027DE010 E3DL1H

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	93	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°	91177
5°	90094
10°	87484
15°	83769
20°	78477
25°	71303
30°	61579
35°	49095
40°	35753
45°	23506
50°	11019
55°	3403
60°	3289
65°	3165
70°	3013
75°	3135
80°	2904
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23506 cd/sqm

TEST NUMBER: P1248701

CATALOG NUMBER: P3AS05R709027DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.5	8.2
10°-20°	103.3	21.9
20°-30°	134.2	28.5
30°-40°	113.9	24.2
40°-50°	58.7	12.5
50°-60°	11.3	2.4
60°-70°	6.1	1.3
70°-80°	3.7	0.8
80°-90°	1.1	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°	276.1	58.6
0°-40°	390.0	82.8
0°-60°	460.0	97.7
0°-90°	471.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	416	
5°	409	39
15°	369	103
25°	295	134
35°	183	114
45°	76	59
55°	9	11
65°	6	6
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1248701

CATALOG NUMBER: P3AS05R709027DE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	415.8
2.5°	414.4
5°	409.3
7.5°	401.8
10°	392.9
12.5°	381.7
15°	369.0
17.5°	353.6
20°	336.3
22.5°	316.7
25°	294.7
27.5°	269.9
30°	243.2
32.5°	213.8
35°	183.4
37.5°	153.4
40°	124.9
42.5°	98.2
45°	75.8
47.5°	55.7
50°	32.3
52.5°	14.0
55°	8.9
57.5°	8.4
60°	7.5
62.5°	7.0
65°	6.1
67.5°	5.6
70°	4.7
72.5°	4.2
75°	3.7
77.5°	2.8
80°	2.3
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)