

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: P1261834

Luminaire Tested: P3AS05R209727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261834
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R209727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

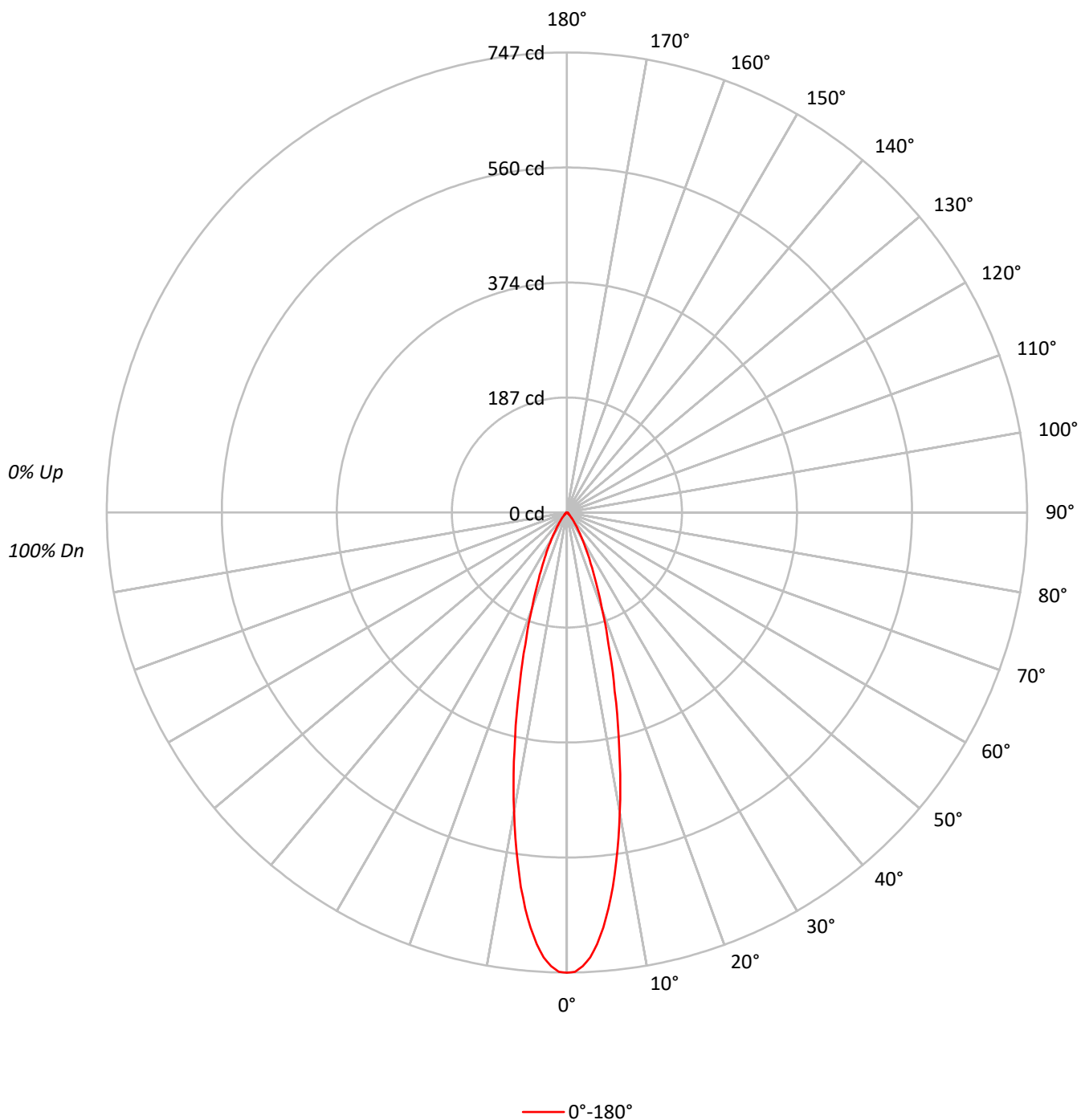
Lumens per Lamp: N/A
Luminaire Lumens: 213.0 lumens
Efficiency: N/A
Efficacy: 29.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	86	78	73	70	85	77	73	70	77	73	70		76	72	70		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	163868
5°	148976
10°	110107
15°	68105
20°	38900
25°	22211
30°	12458
35°	6773
40°	3721
45°	2047
50°	1194
55°	879
60°	833
65°	726
70°	641
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2047 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	27.5
10°-20°	83.7	39.3
20°-30°	43.7	20.5
30°-40°	16.9	7.9
40°-50°	5.5	2.6
50°-60°	2.2	1.0
60°-70°	1.4	0.7
70°-80°	0.8	0.4
80°-90°	0.3	0.1
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°	185.9	87.3
0°-40°	202.8	95.2
0°-60°	210.5	98.8
0°-90°	213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	747	
5°	677	59
15°	300	84
25°	92	44
35°	25	17
45°	7	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	747.3
1°	745.9
2°	737.1
3°	723.5
4°	702.5
5°	676.8
6°	646.3
7°	612.6
8°	573.5
9°	535.4
10°	494.5
12.5°	393.0
15°	300.0
17.5°	224.5
20°	166.7
22.5°	123.5
25°	91.8
27.5°	67.7
30°	49.2
32.5°	35.6
35°	25.3
37.5°	18.3
40°	13.0
42.5°	9.3
45°	6.6
47.5°	4.7
50°	3.5
52.5°	2.7
55°	2.3
57.5°	2.1
60°	1.9
62.5°	1.6
65°	1.4
67.5°	1.2
70°	1.0
72.5°	1.0
75°	0.8
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)