

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: P1261509

Luminaire Tested: P3AS02R359727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

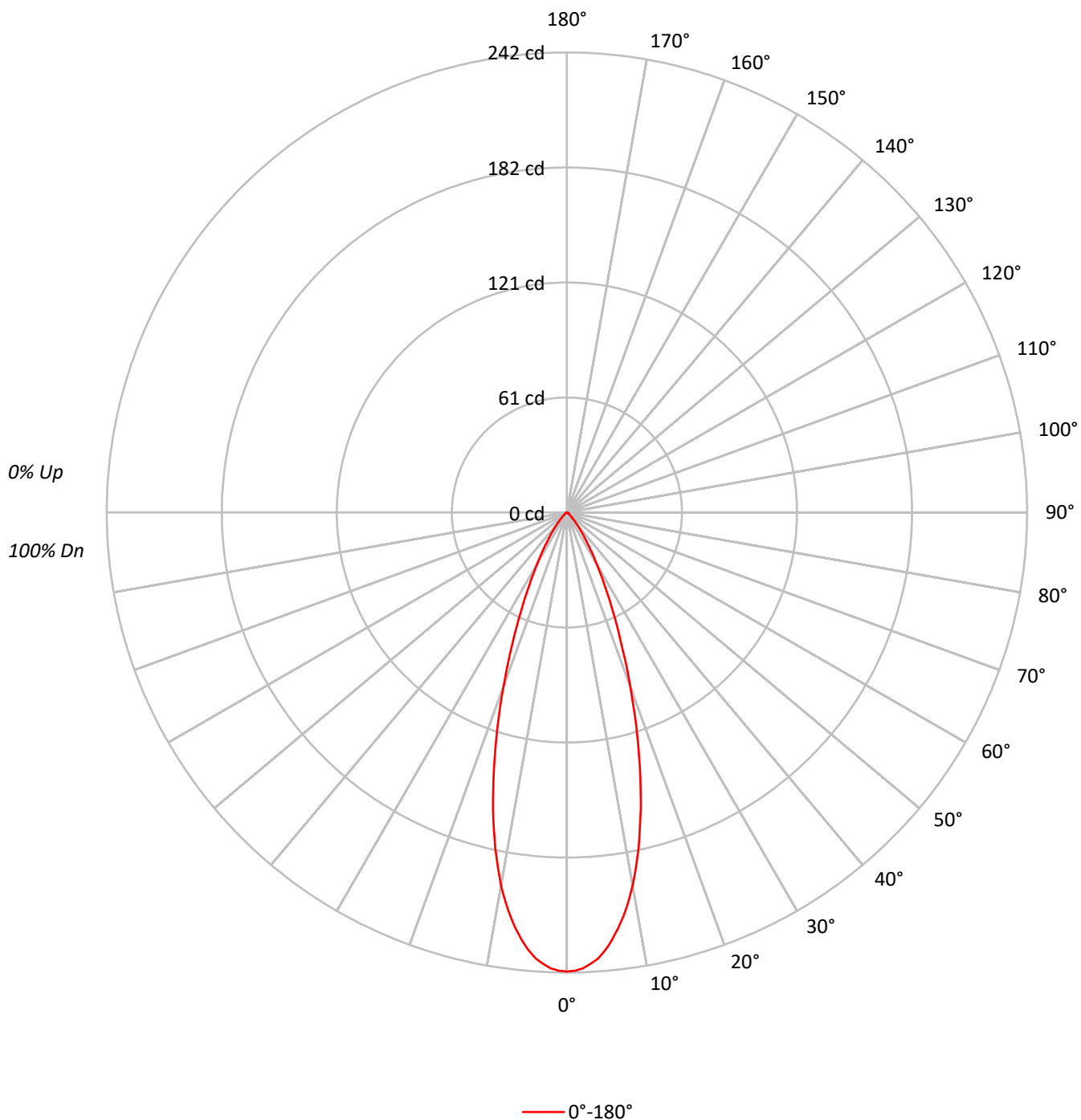
Lumens per Lamp: N/A
Luminaire Lumens: 105.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52956
5°	50891
10°	44355
15°	33962
20°	22729
25°	13743
30°	7900
35°	4417
40°	2347
45°	1209
50°	580
55°	459
60°	439
65°	363
70°	385
75°	339
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1209 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	20.0
10°-20°	40.8	38.8
20°-30°	26.7	25.4
30°-40°	10.8	10.3
40°-50°	3.3	3.1
50°-60°	1.1	1.1
60°-70°	0.7	0.7
70°-80°	0.4	0.4
80°-90°	0.1	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°	88.5	84.3
0°-40°	99.3	94.6
0°-60°	103.7	98.7
0°-90°	105.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	105.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	242	
5°	231	21
15°	150	41
25°	57	27
35°	16	11
45°	4	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

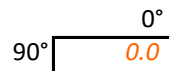
0°	
0°	241.5
1°	241.1
2°	240.0
3°	237.8
4°	235.2
5°	231.2
6°	226.2
7°	220.6
8°	214.3
9°	207.1
10°	199.2
11°	190.3
12°	181.0
13°	170.6
14°	160.7
15°	149.6
17.5°	122.8
20°	97.4
22.5°	74.9
25°	56.8
27.5°	42.3
30°	31.2
32.5°	22.9
35°	16.5
37.5°	11.7
40°	8.2
42.5°	5.7
45°	3.9
47.5°	2.6
50°	1.7
52.5°	1.3
55°	1.2
57.5°	1.1
60°	1.0
62.5°	0.9
65°	0.7
67.5°	0.6
70°	0.6
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)