

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: P1259253

Luminaire Tested: P3AS05R359050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259253
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

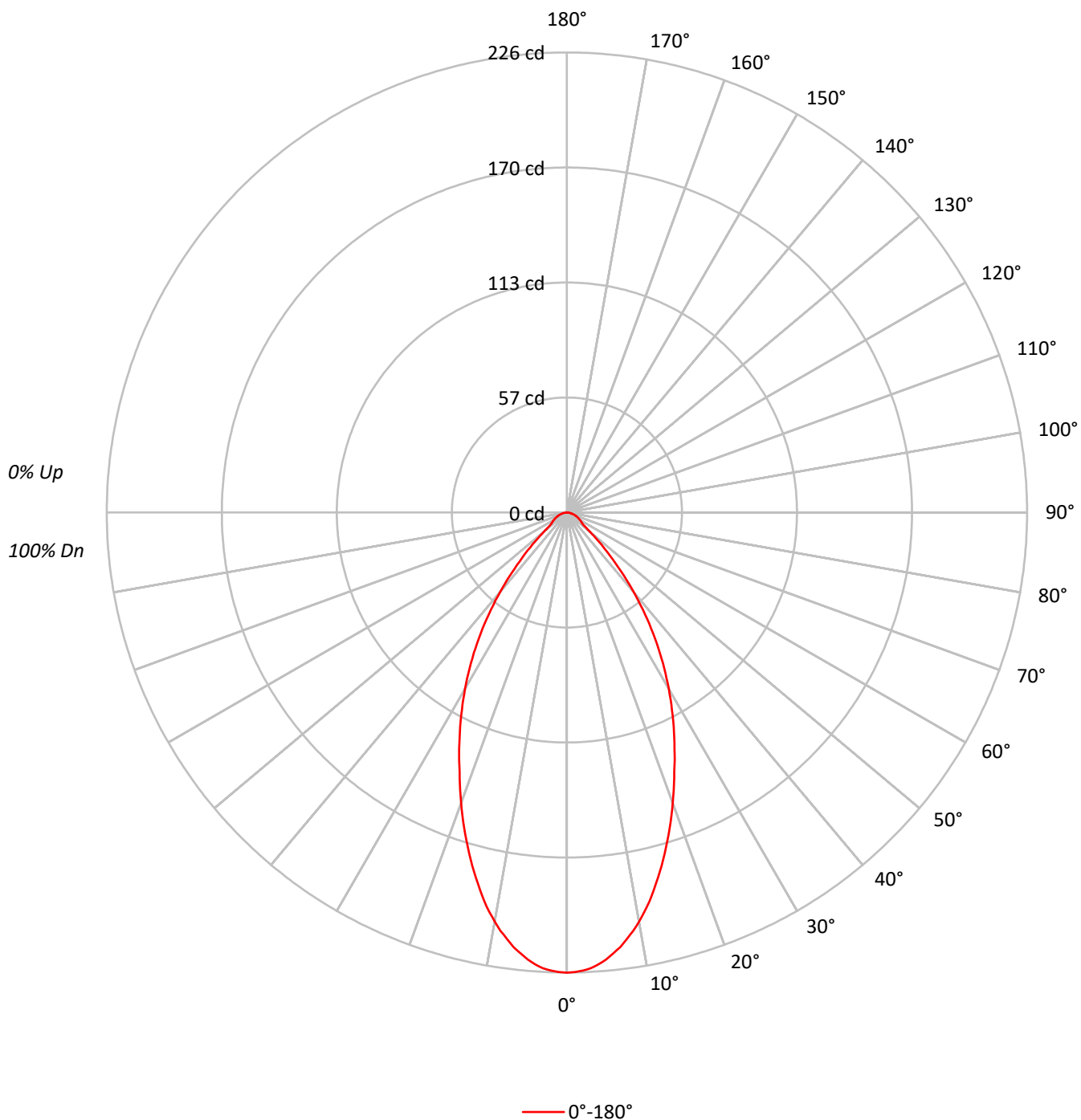
Lumens per Lamp: N/A
Luminaire Lumens: 217.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49579
5°	48514
10°	45446
15°	40795
20°	35470
25°	30244
30°	25320
35°	20184
40°	14570
45°	9241
50°	5015
55°	3479
60°	3289
65°	3061
70°	2949
75°	2457
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9241 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	9.5
10°-20°	50.0	23.0
20°-30°	57.3	26.4
30°-40°	46.8	21.5
40°-50°	23.6	10.9
50°-60°	8.7	4.0
60°-70°	5.9	2.7
70°-80°	3.3	1.5
80°-90°	1.0	0.4
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°	127.8	58.9
0°-40°	174.6	80.5
0°-60°	206.9	95.3
0°-90°	217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	217.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	226	
5°	220	21
15°	180	50
25°	125	57
35°	75	47
45°	30	24
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	226.1
1°	225.8
2°	225.2
3°	224.2
4°	222.6
5°	220.4
6°	217.7
7°	215.1
8°	211.6
9°	208.1
10°	204.1
11°	199.8
12°	195.2
13°	190.1
14°	184.8
15°	179.7
17.5°	166.0
20°	152.0
22.5°	137.8
25°	125.0
27.5°	112.4
30°	100.0
32.5°	87.7
35°	75.4
37.5°	63.0
40°	50.9
42.5°	39.7
45°	29.8
47.5°	21.5
50°	14.7
52.5°	10.7
55°	9.1
57.5°	8.3
60°	7.5
62.5°	6.7
65°	5.9
67.5°	5.1
70°	4.6
72.5°	3.8
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)