

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: P1251211

Luminaire Tested: P3AS05R359030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251211
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: P3AS05R359030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

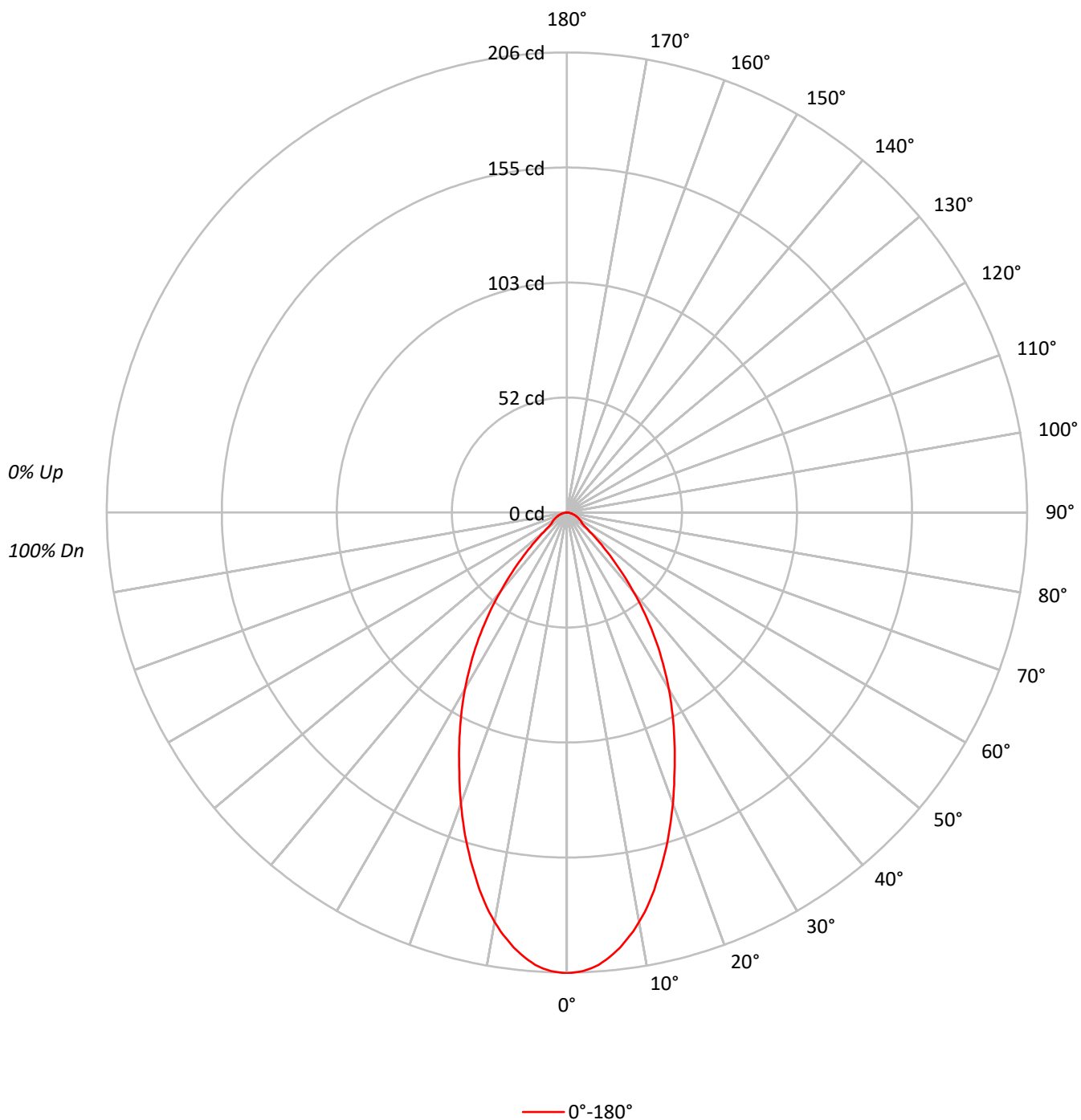
Lumens per Lamp: N/A
Luminaire Lumens: 198.0 lumens
Efficiency: N/A
Efficacy: 27.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	45238
5°	44266
10°	41460
15°	37208
20°	32366
25°	27582
30°	23117
35°	18417
40°	13311
45°	8435
50°	4605
55°	3173
60°	3026
65°	2802
70°	2693
75°	2288
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8435 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.7	9.5
10°-20°	45.6	23.0
20°-30°	52.3	26.4
30°-40°	42.7	21.5
40°-50°	21.5	10.9
50°-60°	8.0	4.0
60°-70°	5.4	2.7
70°-80°	3.0	1.5
80°-90°	0.9	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°	116.6	58.9
0°-40°	159.3	80.4
0°-60°	188.8	95.4
0°-90°	198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	206	
5°	201	19
15°	164	46
25°	114	52
35°	69	43
45°	27	22
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	206.3
1°	206.0
2°	205.5
3°	204.5
4°	203.1
5°	201.1
6°	198.7
7°	196.2
8°	193.0
9°	189.9
10°	186.2
11°	182.3
12°	178.1
13°	173.5
14°	168.6
15°	163.9
17.5°	151.5
20°	138.7
22.5°	125.8
25°	114.0
27.5°	102.5
30°	91.3
32.5°	80.0
35°	68.8
37.5°	57.5
40°	46.5
42.5°	36.2
45°	27.2
47.5°	19.6
50°	13.5
52.5°	9.8
55°	8.3
57.5°	7.6
60°	6.9
62.5°	6.1
65°	5.4
67.5°	4.6
70°	4.2
72.5°	3.4
75°	2.7
77.5°	2.2
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)