

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: P1253858

Luminaire Tested: P3AS05R259035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253858
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

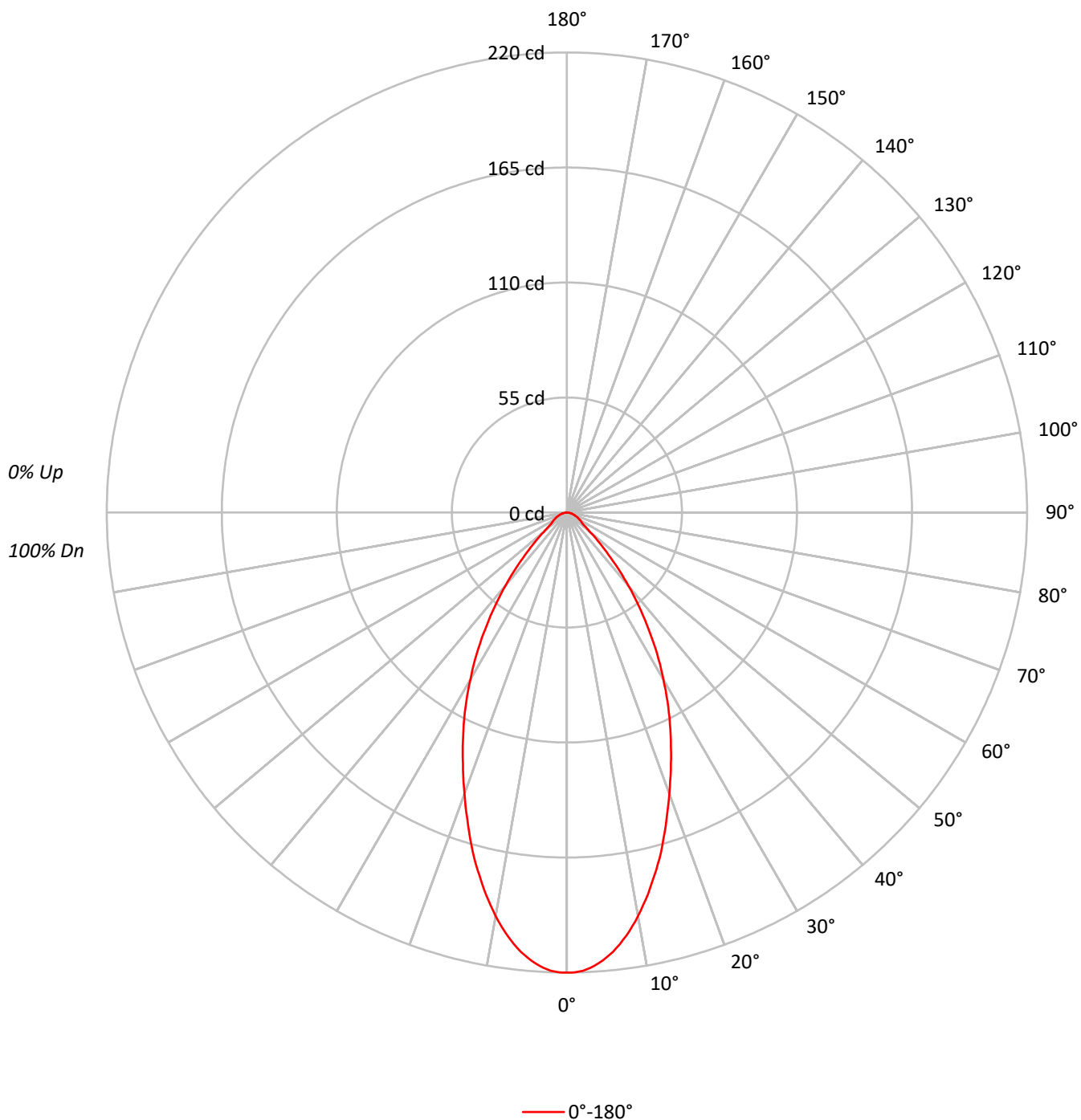
Lumens per Lamp: N/A
Luminaire Lumens: 203.0 lumens
Efficiency: N/A
Efficacy: 28.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253858

CATALOG NUMBER: P3AS05R259035DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1253858

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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	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48242
5°	47083
10°	43642
15°	38865
20°	33393
25°	28381
30°	23371
35°	18203
40°	13110
45°	8311
50°	4912
55°	3403
60°	3114
65°	2906
70°	2565
75°	2372
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8311 cd/sqm

TEST NUMBER: P1253858

CATALOG NUMBER: P3AS05R259035DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.8	9.8
10°-20°	47.5	23.4
20°-30°	53.7	26.4
30°-40°	42.5	20.9
40°-50°	21.5	10.6
50°-60°	8.6	4.2
60°-70°	5.5	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°	121.1	59.6
0°-40°	163.5	80.5
0°-60°	193.6	95.4
0°-90°	203.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	203.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	220	
5°	214	20
15°	171	48
25°	117	54
35°	68	42
45°	27	21
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1253858

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CANDELA DISTRIBUTION (FULL):

0°	
0°	220.0
1°	220.0
2°	219.3
3°	218.0
4°	216.2
5°	213.9
6°	211.2
7°	207.9
8°	204.3
9°	200.3
10°	196.0
11°	191.2
12°	186.6
13°	181.3
14°	176.3
15°	171.2
17.5°	157.0
20°	143.1
22.5°	130.0
25°	117.3
27.5°	105.0
30°	92.3
32.5°	80.4
35°	68.0
37.5°	56.6
40°	45.8
42.5°	35.7
45°	26.8
47.5°	20.0
50°	14.4
52.5°	10.9
55°	8.9
57.5°	8.1
60°	7.1
62.5°	6.3
65°	5.6
67.5°	4.8
70°	4.0
72.5°	3.5
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3



TEST NUMBER: P1253858

CATALOG NUMBER: P3AS05R259035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)