

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: P1248444

Luminaire Tested: P3AS05R259027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248444
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: P3AS05R259027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

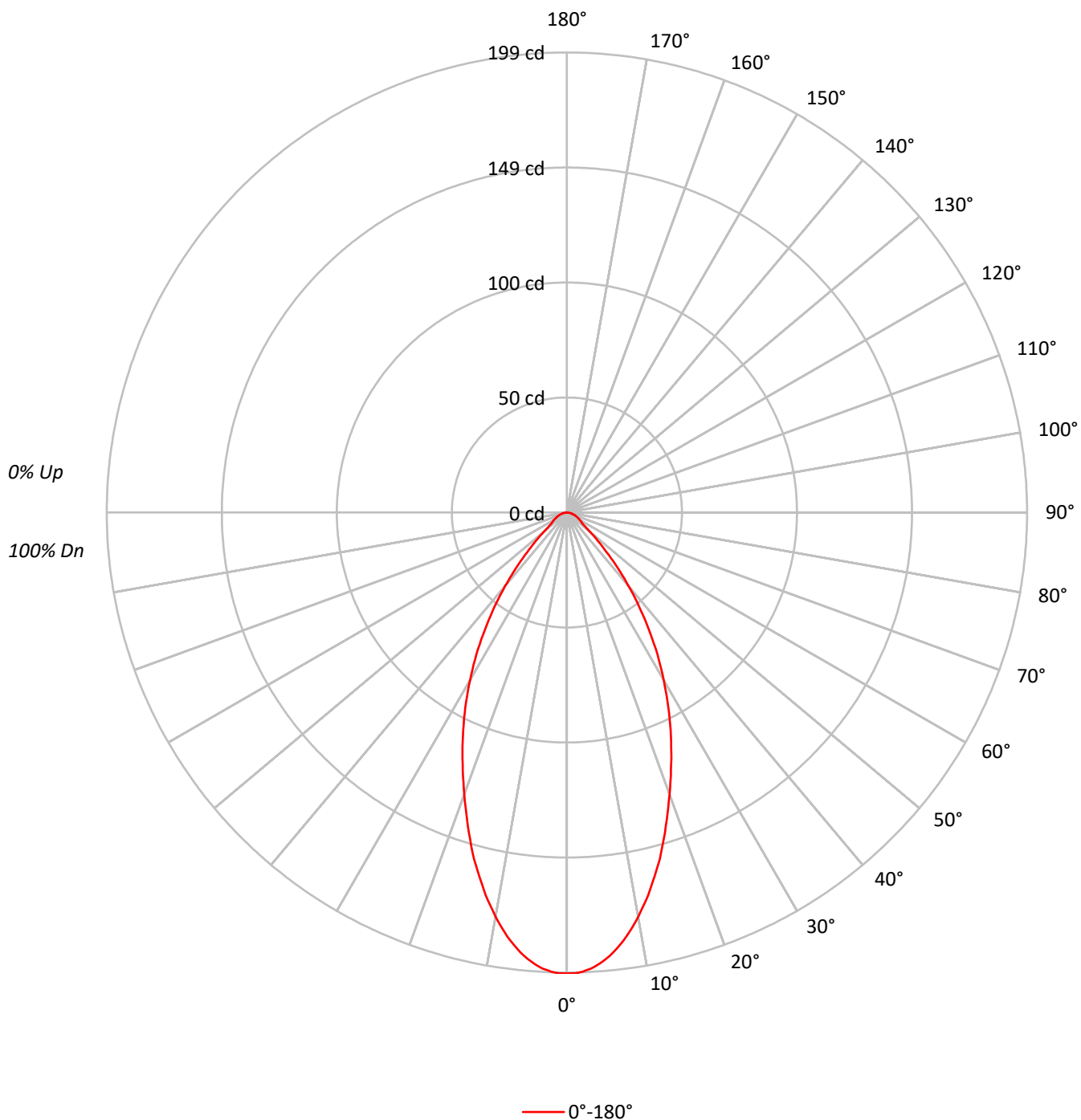
Lumens per Lamp: N/A
Luminaire Lumens: 184.0 lumens
Efficiency: N/A
Efficacy: 25.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248444

CATALOG NUMBER: P3AS05R259027DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1248444

CATALOG NUMBER: P3AS05R259027DE010 E3DLD1GPH

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	105	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°	43725
5°	42681
10°	39545
15°	35233
20°	30266
25°	25743
30°	21193
35°	16517
40°	11879
45°	7536
50°	4469
55°	3058
60°	2807
65°	2594
70°	2372
75°	2118
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7536 cd/sqm

TEST NUMBER: P1248444

CATALOG NUMBER: P3AS05R259027DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.0	9.8
10°-20°	43.1	23.4
20°-30°	48.7	26.5
30°-40°	38.5	20.9
40°-50°	19.4	10.6
50°-60°	7.8	4.2
60°-70°	5.0	2.7
70°-80°	2.8	1.5
80°-90°	0.8	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°	109.7	59.6
0°-40°	148.2	80.6
0°-60°	175.5	95.4
0°-90°	184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	184.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	199	
5°	194	18
15°	155	43
25°	106	49
35°	62	39
45°	24	19
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1248444

CATALOG NUMBER: P3AS05R259027DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

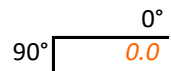
0°	
0°	199.4
1°	199.4
2°	198.7
3°	197.6
4°	196.0
5°	193.9
6°	191.4
7°	188.4
8°	185.2
9°	181.5
10°	177.6
11°	173.3
12°	169.2
13°	164.4
14°	159.8
15°	155.2
17.5°	142.3
20°	129.7
22.5°	117.8
25°	106.4
27.5°	95.1
30°	83.7
32.5°	72.9
35°	61.7
37.5°	51.3
40°	41.5
42.5°	32.3
45°	24.3
47.5°	18.1
50°	13.1
52.5°	9.9
55°	8.0
57.5°	7.3
60°	6.4
62.5°	5.7
65°	5.0
67.5°	4.4
70°	3.7
72.5°	3.2
75°	2.5
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.7
87.5°	0.2



TEST NUMBER: P1248444

CATALOG NUMBER: P3AS05R259027DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)