

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: P1261869

Luminaire Tested: P3AS05R259727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261869
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: P3AS05R259727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

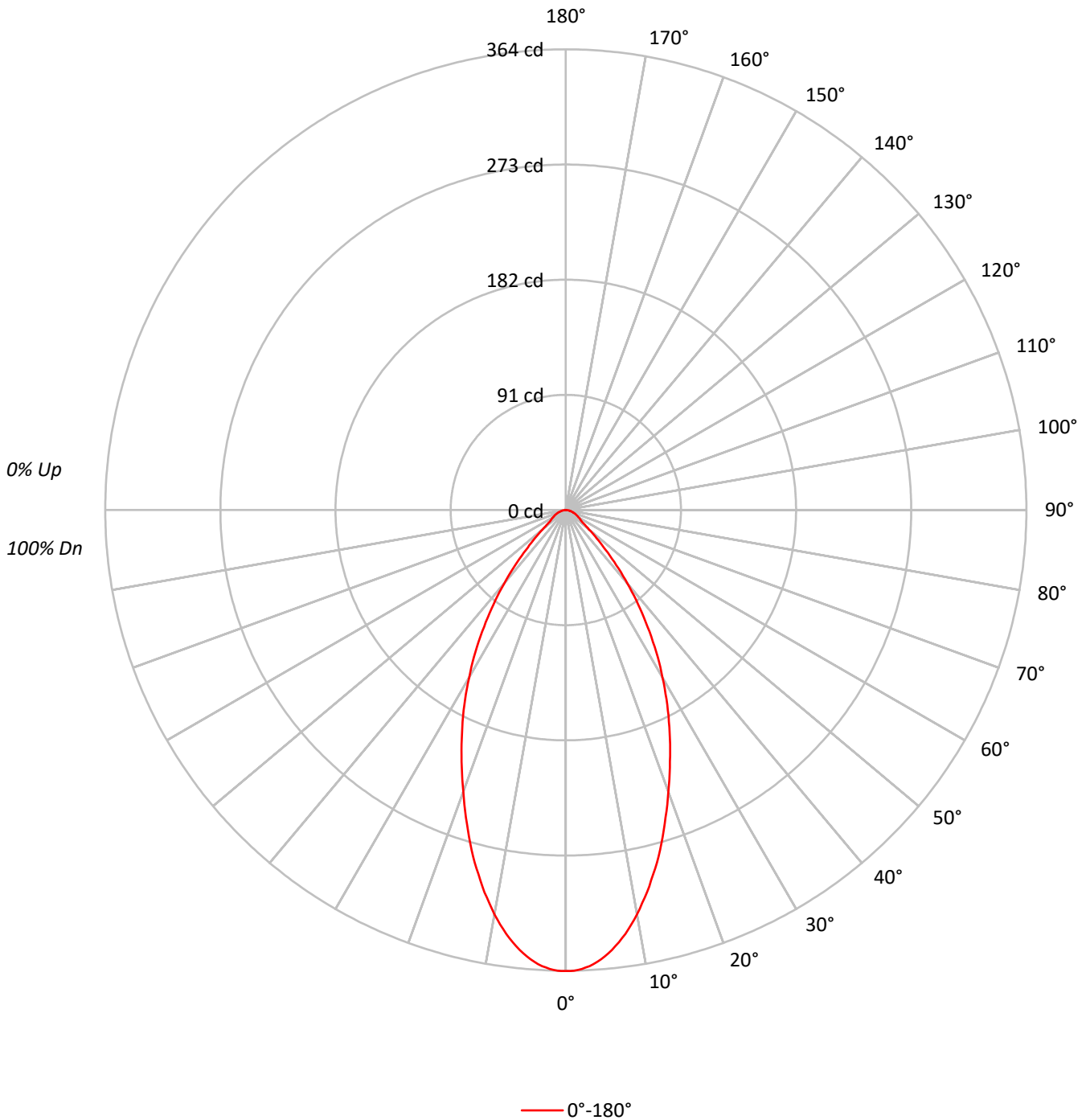
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 336.1 lumens
Efficiency: N/A
Efficacy: 46.7 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: P1261869
CATALOG NUMBER: P3AS05R259727DE010 E3DLD1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1261869
 CATALOG NUMBER: P3AS05R259727DE010 E3DLD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	79862
5°	77944
10°	72232
15°	64336
20°	55281
25°	46987
30°	38689
35°	30142
40°	21698
45°	13769
50°	8153
55°	5620
60°	5131
65°	4774
70°	4296
75°	3897
80°	3662
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13769 cd/sqm



TEST NUMBER: P1261869
 CATALOG NUMBER: P3AS05R259727DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.8	9.8
10°-20°	78.7	23.4
20°-30°	88.9	26.4
30°-40°	70.3	20.9
40°-50°	35.5	10.6
50°-60°	14.2	4.2
60°-70°	9.1	2.7
70°-80°	5.0	1.5
80°-90°	1.4	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°	200.4	59.6
0°-40°	270.7	80.6
0°-60°	320.5	95.4
0°-90°	336.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	364	
5°	354	33
15°	283	79
25°	194	89
35°	113	70
45°	44	36
55°	15	14
65°	9	9
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1261869
CATALOG NUMBER: P3AS05R259727DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	364.2
1°	364.2
2°	362.9
3°	360.8
4°	357.9
5°	354.1
6°	349.5
7°	344.1
8°	338.2
9°	331.5
10°	324.4
11°	316.5
12°	308.9
13°	300.1
14°	291.8
15°	283.4
17.5°	259.9
20°	236.9
22.5°	215.2
25°	194.2
27.5°	173.7
30°	152.8
32.5°	133.1
35°	112.6
37.5°	93.8
40°	75.8
42.5°	59.0
45°	44.4
47.5°	33.1
50°	23.9
52.5°	18.0
55°	14.7
57.5°	13.4
60°	11.7
62.5°	10.5
65°	9.2
67.5°	8.0
70°	6.7
72.5°	5.9
75°	4.6
77.5°	3.8
80°	2.9
82.5°	2.1
85°	1.3
87.5°	0.4



TEST NUMBER: P1261869
CATALOG NUMBER: P3AS05R259727DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)