

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: P1262102

Luminaire Tested: P3AS05R659727DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262102
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659727DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

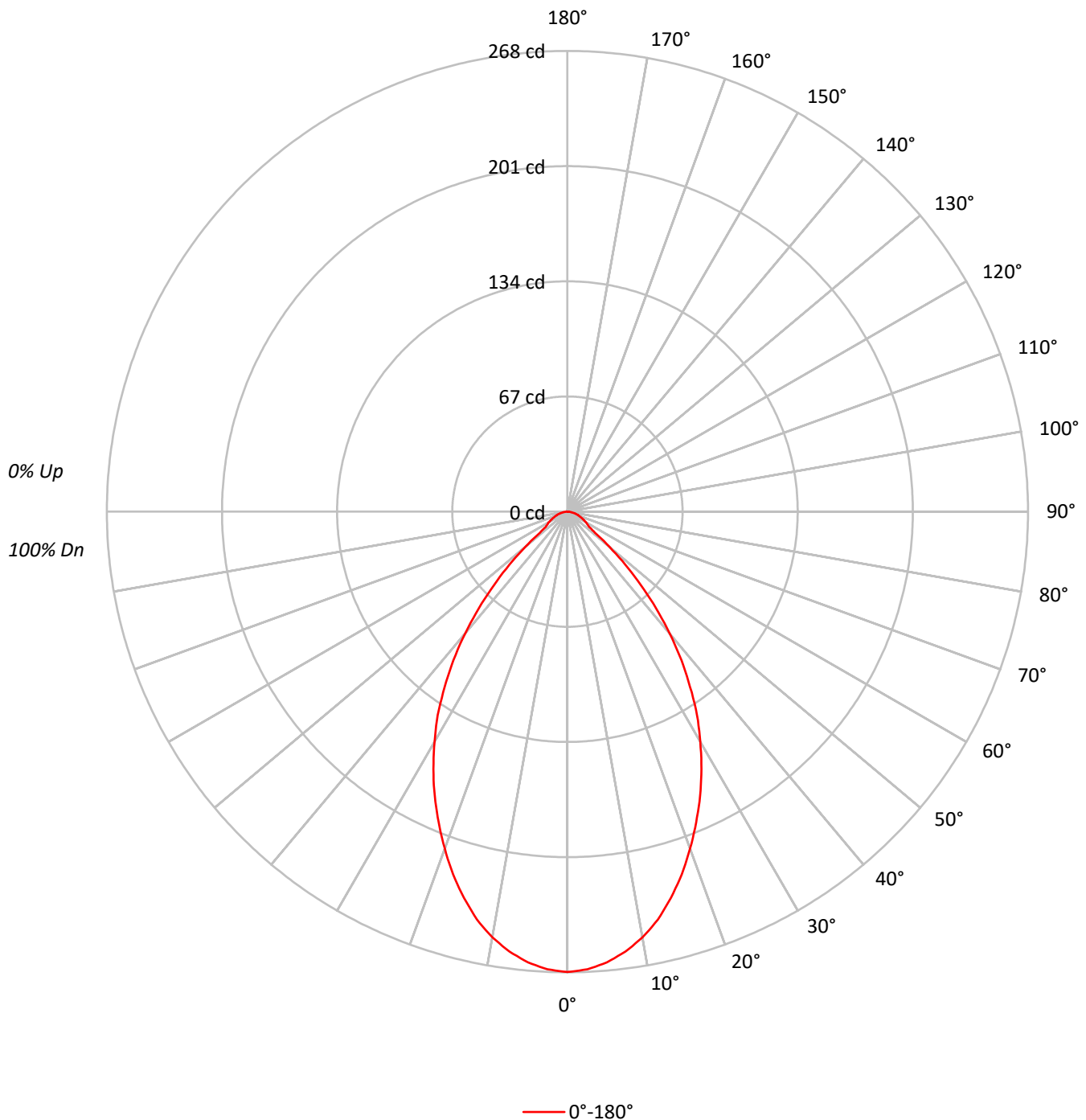
Lumens per Lamp: N/A
Luminaire Lumens: 330.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262102

CATALOG NUMBER: P3AS05R659727DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1262102

CATALOG NUMBER: P3AS05R659727DE010 E3DLD1MW

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	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	58723
5°	57935
10°	56000
15°	52804
20°	48701
25°	44204
30°	39145
35°	33328
40°	26507
45°	18731
50°	10882
55°	5926
60°	5526
65°	4981
70°	4552
75°	4236
80°	3662
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18731 cd/sqm

TEST NUMBER: P1262102

CATALOG NUMBER: P3AS05R659727DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	7.5
10°-20°	65.1	19.7
20°-30°	83.6	25.3
30°-40°	77.4	23.4
40°-50°	46.7	14.2
50°-60°	15.9	4.8
60°-70°	9.6	2.9
70°-80°	5.4	1.6
80°-90°	1.5	0.5
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°	173.5	52.6
0°-40°	250.8	76.0
0°-60°	313.5	95.0
0°-90°	330.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	268	
5°	263	25
15°	233	65
25°	183	84
35°	124	77
45°	60	47
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1262102

CATALOG NUMBER: P3AS05R659727DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	267.8
2.5°	266.5
5°	263.2
7.5°	258.2
10°	251.5
12.5°	243.1
15°	232.6
17.5°	221.3
20°	208.7
22.5°	195.7
25°	182.7
27.5°	168.9
30°	154.6
32.5°	140.4
35°	124.5
37.5°	109.0
40°	92.6
42.5°	76.3
45°	60.4
47.5°	45.7
50°	31.9
52.5°	20.1
55°	15.5
57.5°	13.8
60°	12.6
62.5°	10.9
65°	9.6
67.5°	8.4
70°	7.1
72.5°	6.3
75°	5.0
77.5°	4.2
80°	2.9
82.5°	2.1
85°	1.3
87.5°	0.8
90°	0.0

(END OF REPORT)