

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: P1271462

Luminaire Tested: P3AS05R659827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271462
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

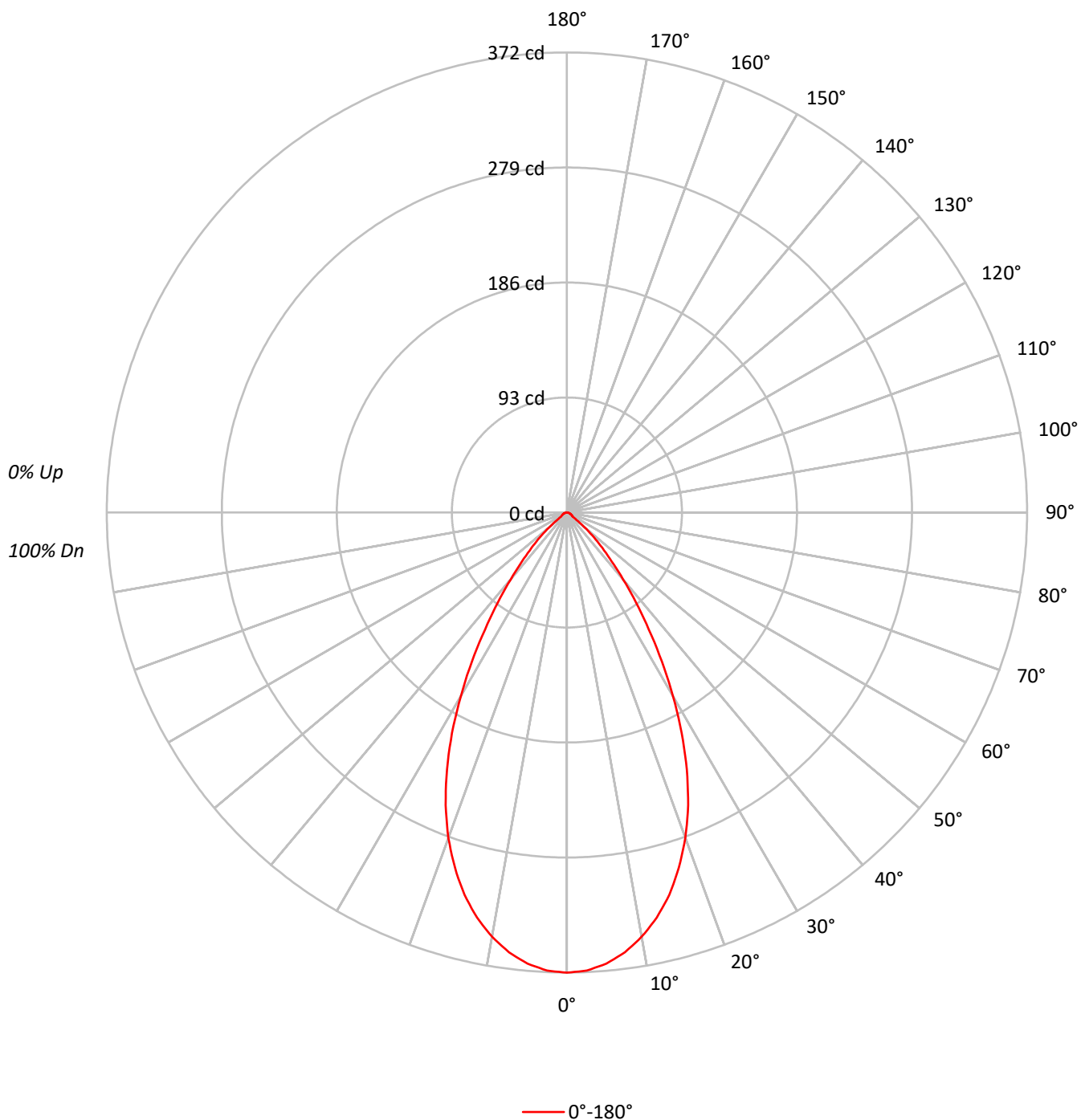
Lumens per Lamp: N/A
Luminaire Lumens: 346.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271462

CATALOG NUMBER: P3AS05R659827DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271462

CATALOG NUMBER: P3AS05R659827DE010 E3DL1MW

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81594
5°	80607
10°	77554
15°	72645
20°	65339
25°	55479
30°	43399
35°	30918
40°	20238
45°	12497
50°	6345
55°	2256
60°	1974
65°	1972
70°	1795
75°	1779
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12497 cd/sqm

TEST NUMBER: P1271462

CATALOG NUMBER: P3AS05R659827DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	9.9
10°-20°	89.1	25.7
20°-30°	104.1	30.1
30°-40°	72.7	21.0
40°-50°	32.0	9.3
50°-60°	7.2	2.1
60°-70°	3.6	1.0
70°-80°	2.2	0.6
80°-90°	0.7	0.2
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°	227.5	65.8
0°-40°	300.3	86.8
0°-60°	339.5	98.1
0°-90°	346.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	346.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	372	
5°	366	34
15°	320	89
25°	229	104
35°	116	73
45°	40	32
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1271462

CATALOG NUMBER: P3AS05R659827DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	372.1
2.5°	370.7
5°	366.2
7.5°	358.7
10°	348.3
12.5°	335.6
15°	320.0
17.5°	301.1
20°	280.0
22.5°	256.2
25°	229.3
27.5°	201.1
30°	171.4
32.5°	142.8
35°	115.5
37.5°	91.7
40°	70.7
42.5°	53.5
45°	40.3
47.5°	29.7
50°	18.6
52.5°	9.7
55°	5.9
57.5°	5.2
60°	4.5
62.5°	4.1
65°	3.8
67.5°	3.1
70°	2.8
72.5°	2.4
75°	2.1
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)