

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: P1251381

Luminaire Tested: P3AS05R659030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251381
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: P3AS05R659030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

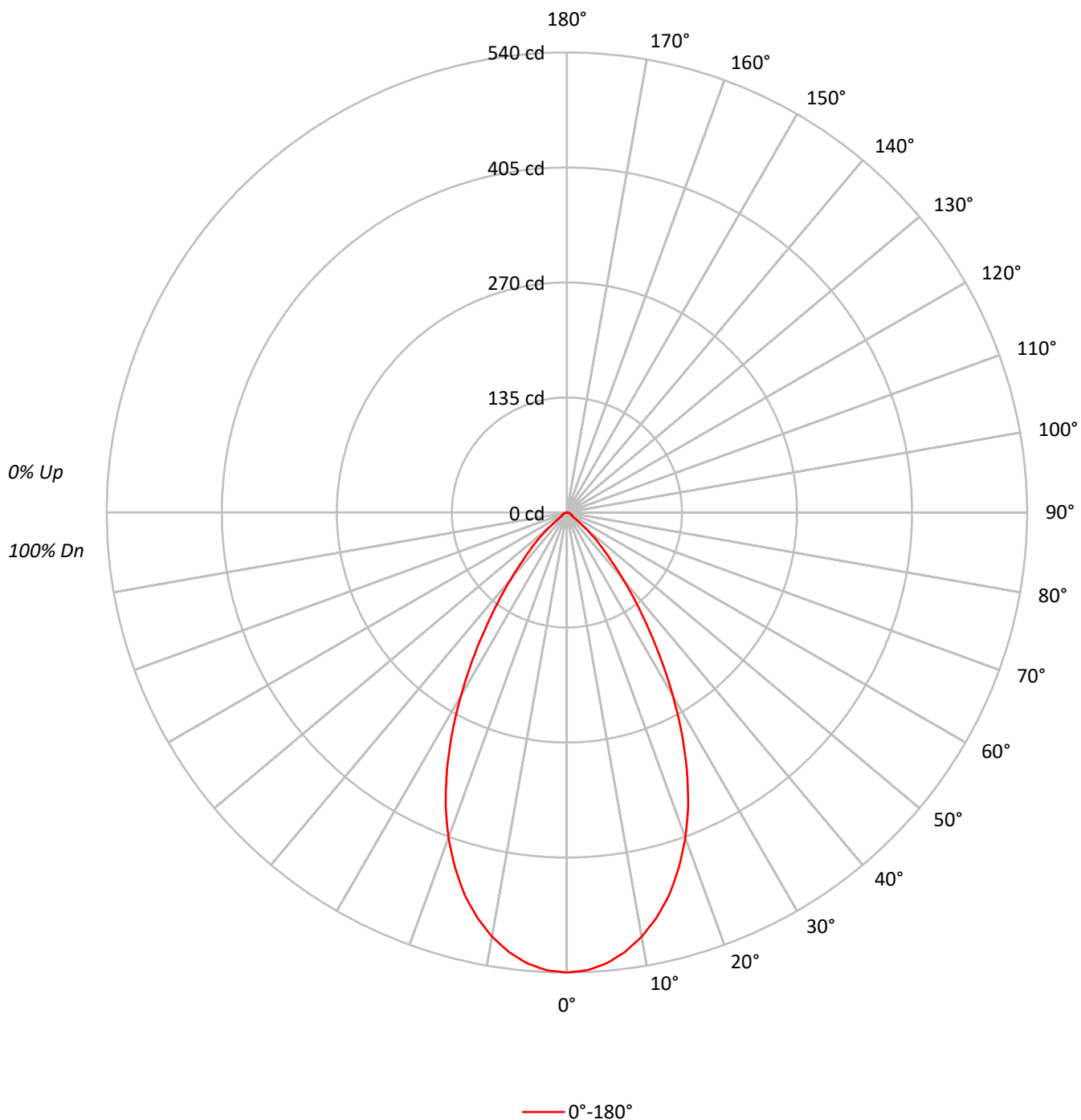
Lumens per Lamp: N/A
Luminaire Lumens: 502.0 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	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°	118390
5°	116971
10°	112534
15°	105404
20°	94812
25°	80497
30°	62972
35°	44865
40°	29369
45°	18141
50°	9211
55°	3250
60°	2851
65°	2854
70°	2565
75°	2542
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 18141 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.9	9.9
10°-20°	129.2	25.7
20°-30°	151.0	30.1
30°-40°	105.5	21.0
40°-50°	46.4	9.3
50°-60°	10.3	2.1
60°-70°	5.3	1.0
70°-80°	3.2	0.6
80°-90°	1.1	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°	330.1	65.8
0°-40°	435.7	86.8
0°-60°	492.5	98.1
0°-90°	502.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	502.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	540	
5°	531	50
15°	464	129
25°	333	151
35°	168	106
45°	58	46
55°	8	10
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	539.9
2.5°	537.9
5°	531.4
7.5°	520.4
10°	505.4
12.5°	486.8
15°	464.3
17.5°	436.8
20°	406.3
22.5°	371.8
25°	332.7
27.5°	291.7
30°	248.7
32.5°	207.1
35°	167.6
37.5°	133.1
40°	102.6
42.5°	77.6
45°	58.5
47.5°	43.0
50°	27.0
52.5°	14.0
55°	8.5
57.5°	7.5
60°	6.5
62.5°	6.0
65°	5.5
67.5°	4.5
70°	4.0
72.5°	3.5
75°	3.0
77.5°	2.5
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)