

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: P1251372

Luminaire Tested: P3AS05R659030DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251372
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659030DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

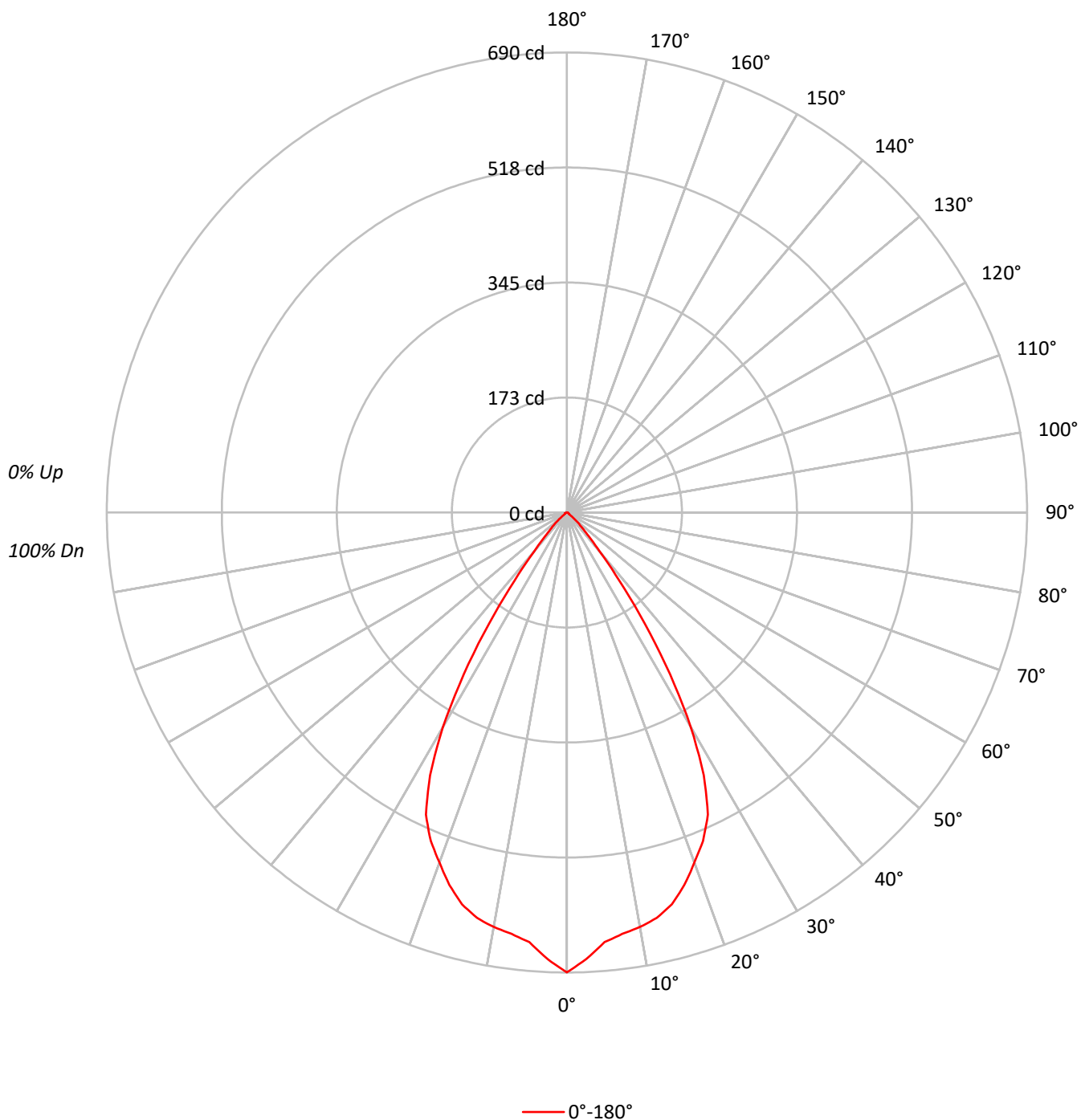
Lumens per Lamp: N/A
Luminaire Lumens: 619.0 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151260
5°	142373
10°	140567
15°	138071
20°	130375
25°	120999
30°	94065
35°	54395
40°	21927
45°	10079
50°	3923
55°	1529
60°	1316
65°	1297
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10079 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.5	9.9
10°-20°	169.9	27.4
20°-30°	222.3	35.9
30°-40°	128.8	20.8
40°-50°	27.6	4.5
50°-60°	4.5	0.7
60°-70°	2.5	0.4
70°-80°	1.5	0.2
80°-90°	0.5	0.1
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°	453.7	73.3
0°-40°	582.5	94.1
0°-60°	614.5	99.3
0°-90°	619.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	619.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	690	
5°	647	61
15°	608	170
25°	500	222
35°	203	129
45°	32	28
55°	4	4
65°	2	2
75°	2	1
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	689.8
2.5°	670.3
5°	646.8
7.5°	637.3
10°	631.3
12.5°	622.8
15°	608.2
17.5°	585.7
20°	558.7
22.5°	533.2
25°	500.1
27.5°	444.5
30°	371.5
32.5°	287.9
35°	203.2
37.5°	128.7
40°	76.6
42.5°	48.1
45°	32.5
47.5°	21.0
50°	11.5
52.5°	5.5
55°	4.0
57.5°	3.5
60°	3.0
62.5°	3.0
65°	2.5
67.5°	2.0
70°	2.0
72.5°	1.5
75°	1.5
77.5°	1.0
80°	1.0
82.5°	0.5
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)