

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: P1286629

Luminaire Tested: P3AS05R659030D2WDE010 E3CB1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286629
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: P3AS05R659030D2WDE010 E3CB1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

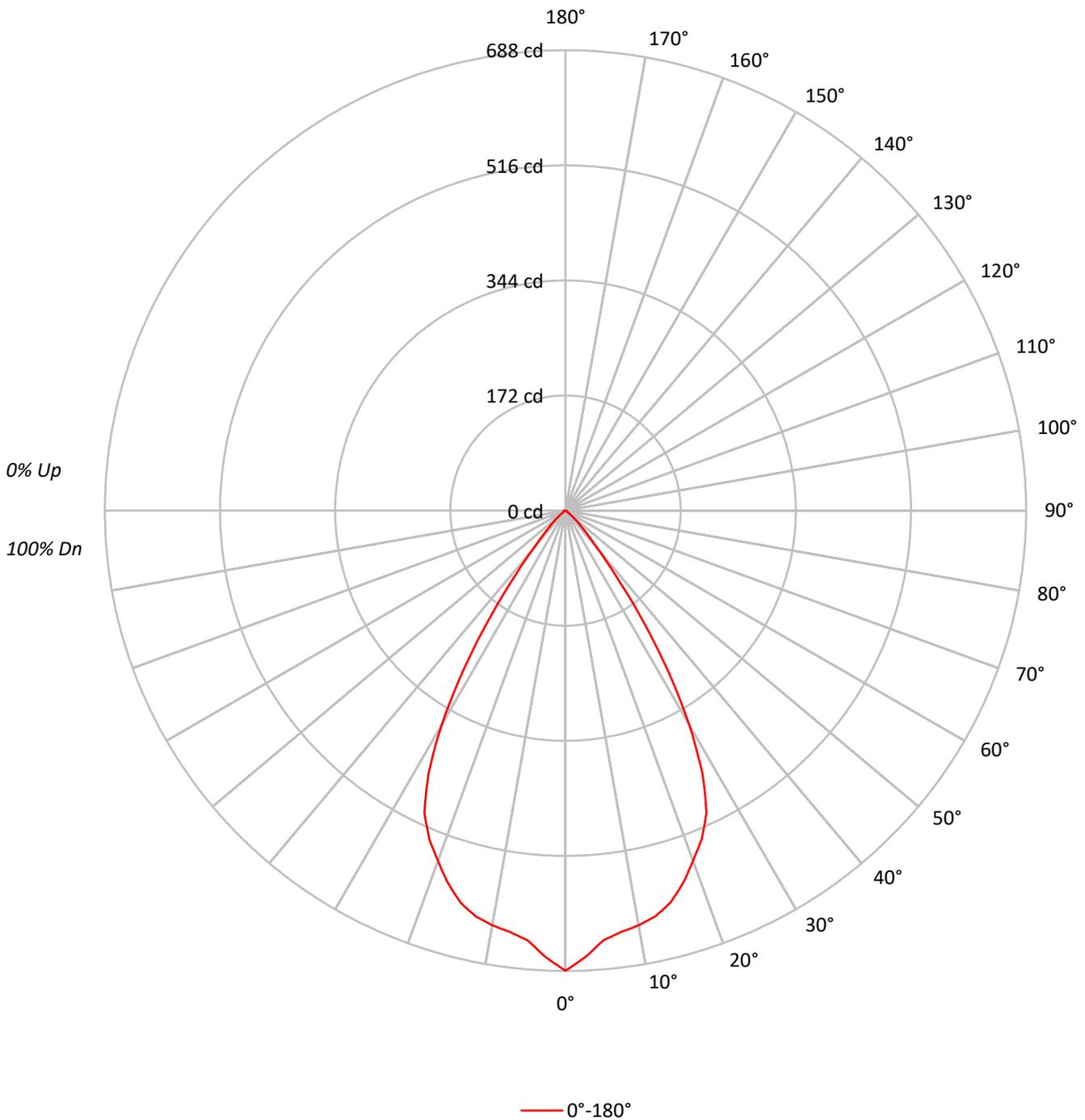
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 55.6 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): 11.1
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				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	100	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94	94	94	94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87	87	87	87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81	81	81	81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75	75	75	75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70	70	70	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150777
5°	141910
10°	140100
15°	137640
20°	129955
25°	120612
30°	93761
35°	54234
40°	21841
45°	10048
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: 10048 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	9.9
10°-20°	169.3	27.4
20°-30°	221.6	35.9
30°-40°	128.4	20.8
40°-50°	27.5	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°	452.2	73.3
0°-40°	580.6	94.1
0°-60°	612.5	99.3
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	688	
5°	645	61
15°	606	169
25°	498	222
35°	203	128
45°	32	27
55°	4	4
65°	2	2
75°	2	1
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	687.6
2.5°	668.2
5°	644.7
7.5°	635.2
10°	629.2
12.5°	620.8
15°	606.3
17.5°	583.8
20°	556.9
22.5°	531.4
25°	498.5
27.5°	443.1
30°	370.3
32.5°	286.9
35°	202.6
37.5°	128.2
40°	76.3
42.5°	47.9
45°	32.4
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)