Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P1287001

Luminaire Tested: P3AS09R659030D2WDE010 E3DLP1WMH

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1287001
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R659030D2WDE010 E3DLP1WMH
Description:	3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	464.0 lumens
Efficiency:	N/A
Efficacy:	31.6 lumens/watt
Spacing Criteria (0/90/45):	0.79 / 0.79 / 0.83
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	14.7
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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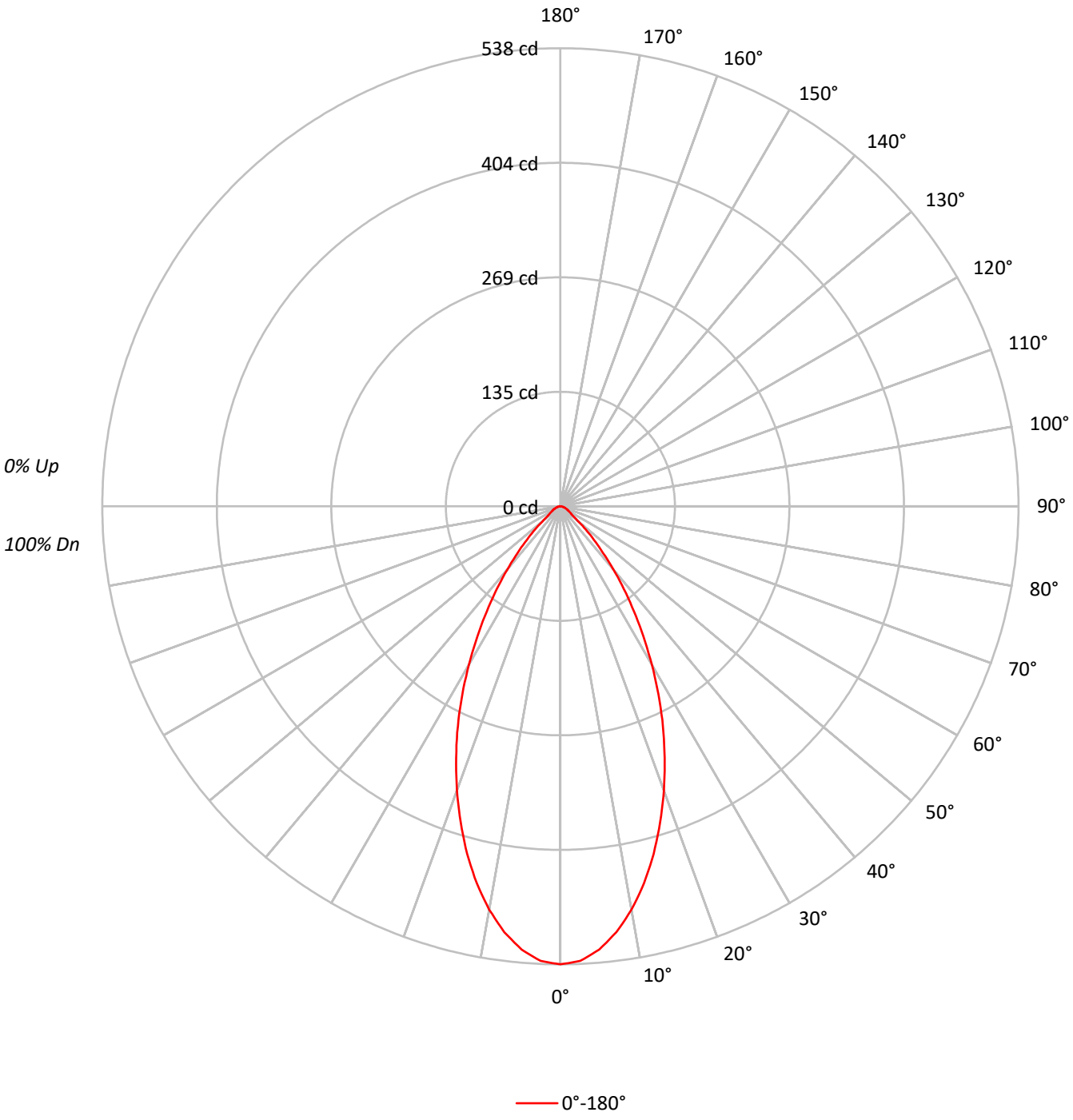
Luminous Intensity Polar Plot



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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117951
5°	115012
10°	107101
15°	95982
20°	82887
25°	68956
30°	54363
35°	40288
40°	27766
45°	17211
50°	9347
55°	5887
60°	5000
65°	4514
70°	3847
75°	3389
80°	3410
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 17211 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	10.5
10°-20°	117.5	25.3
20°-30°	129.9	28.0
30°-40°	94.4	20.3
40°-50°	44.2	9.5
50°-60°	14.9	3.2
60°-70°	8.6	1.9
70°-80°	4.5	1.0
80°-90°	1.5	0.3
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°	296.0	63.8
0°-40°	390.3	84.1
0°-60°	449.4	96.9
0°-90°	464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	538	
5°	522	49
15°	423	117
25°	285	130
35°	150	94
45°	56	44
55°	15	15
65°	9	9
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	537.9
2.5°	534.5
5°	522.5
7.5°	504.4
10°	481.0
12.5°	453.6
15°	422.8
17.5°	389.3
20°	355.2
22.5°	319.8
25°	285.0
27.5°	249.5
30°	214.7
32.5°	181.3
35°	150.5
37.5°	122.4
40°	97.0
42.5°	74.3
45°	55.5
47.5°	40.1
50°	27.4
52.5°	18.7
55°	15.4
57.5°	13.4
60°	11.4
62.5°	10.0
65°	8.7
67.5°	7.4
70°	6.0
72.5°	5.4
75°	4.0
77.5°	3.3
80°	2.7
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)