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: P1282529

Luminaire Tested: P3AS05R70B2750DE010 E3DLP1WMH_3500K

Issue Date: 1/30/2026

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1282529
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS05R70B2750DE010 E3DLP1WMH_3500K
Description:	3in Adjustable Boosted Cyan Tunable White LED luminaire with, R70 optic, 3500K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	289.0 lumens
Efficiency:	N/A
Efficacy:	49.0 lumens/watt
Spacing Criteria (0/90/45):	0.82 / 0.82 / 0.87
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

Input Watts (W):	5.9
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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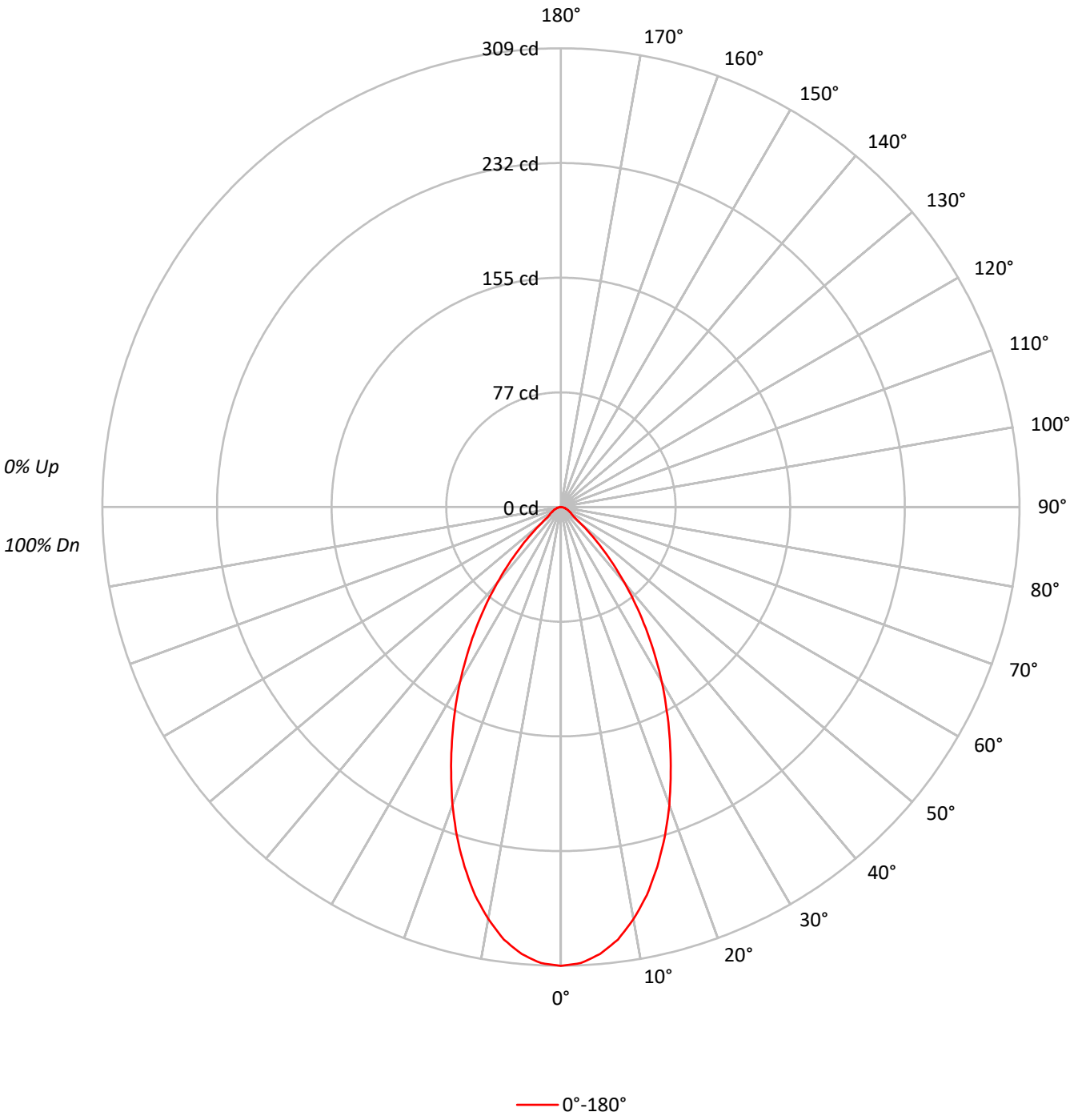
Luminous Intensity Polar Plot



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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	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67780
5°	66542
10°	62747
15°	56936
20°	49821
25°	42027
30°	34410
35°	26689
40°	19093
45°	12094
50°	6038
55°	3670
60°	3158
65°	2906
70°	2565
75°	2372
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12094 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	9.8
10°-20°	69.8	24.2
20°-30°	79.5	27.5
30°-40°	62.2	21.5
40°-50°	30.5	10.6
50°-60°	9.4	3.2
60°-70°	5.5	1.9
70°-80°	3.0	1.0
80°-90°	0.9	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°	177.5	61.4
0°-40°	239.7	82.9
0°-60°	279.6	96.8
0°-90°	289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	289.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	309	
5°	302	28
15°	251	70
25°	174	80
35°	100	62
45°	39	31
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	309.1
2.5°	307.5
5°	302.3
7.5°	293.9
10°	281.8
12.5°	267.7
15°	250.8
17.5°	232.8
20°	213.5
22.5°	193.4
25°	173.7
27.5°	154.4
30°	135.9
32.5°	117.4
35°	99.7
37.5°	82.8
40°	66.7
42.5°	51.9
45°	39.0
47.5°	27.3
50°	17.7
52.5°	11.7
55°	9.6
57.5°	8.4
60°	7.2
62.5°	6.4
65°	5.6
67.5°	4.8
70°	4.0
72.5°	3.2
75°	2.8
77.5°	2.4
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)