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: P1283350

Luminaire Tested: P3AS09R40B2750DE010 E3DL1GPH_4000K

Issue Date: 1/30/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1283350
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3AS09R40B2750DE010 E3DL1GPH_4000K
Description:	3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	335.0 lumens
Efficiency:	N/A
Efficacy:	25.6 lumens/watt
Spacing Criteria (0/90/45):	0.65 / 0.65 / 0.63
Luminous Opening:	Circular (Dia: 0.25' x H: 0')
CIE Type:	Direct

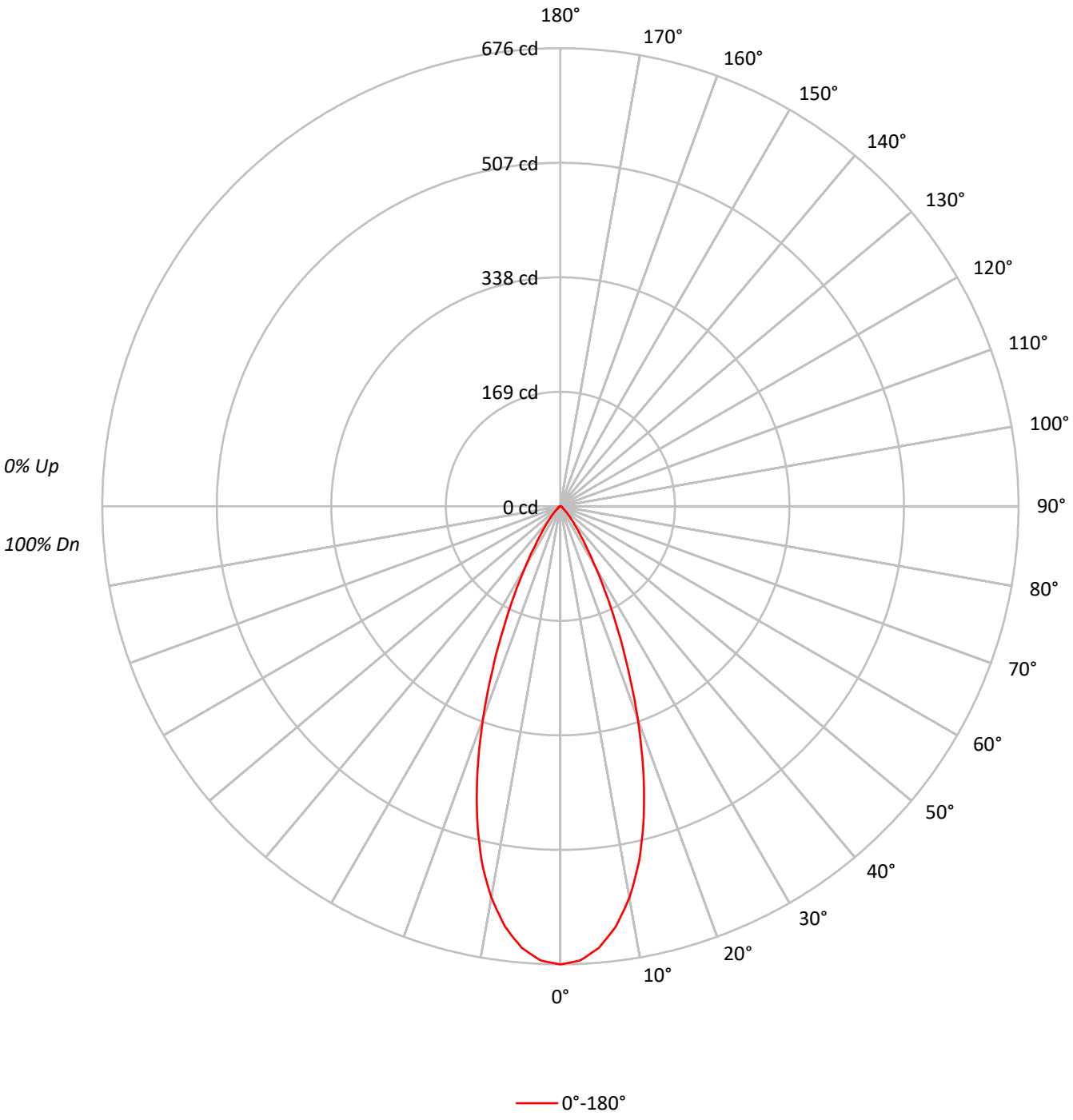
Input Watts (W):	13.1
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1283350
CATALOG NUMBER: P3AS09R40B2750DE010 E3DL1GPH_4000K

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1283350
CATALOG NUMBER: P3AS09R40B2750DE010 E3DL1GPH_4000K

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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148234
5°	143935
10°	130614
15°	107901
20°	77823
25°	48148
30°	26055
35°	13465
40°	7328
45°	4093
50°	2047
55°	1529
60°	1403
65°	1349
70°	1282
75°	1186
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4093 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1283350
CATALOG NUMBER: P3AS09R40B2750DE010 E3DL1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.3	18.0
10°-20°	129.4	38.6
20°-30°	92.4	27.6
30°-40°	34.0	10.2
40°-50°	10.7	3.2
50°-60°	3.7	1.1
60°-70°	2.6	0.8
70°-80°	1.5	0.5
80°-90°	0.4	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°	282.1	84.2
0°-40°	316.1	94.3
0°-60°	330.5	98.6
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	676	
5°	654	60
15°	475	129
25°	199	92
35°	50	34
45°	13	11
55°	4	4
65°	3	3
75°	1	2
85°	0	0
90°	0	

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

Scaled Data Report

TEST NUMBER: P1283350
CATALOG NUMBER: P3AS09R40B2750DE010 E3DL1GPH_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	676.0
2.5°	670.8
5°	653.9
7.5°	625.7
10°	586.6
12.5°	536.8
15°	475.3
17.5°	406.3
20°	333.5
22.5°	261.9
25°	199.0
27.5°	146.1
30°	102.9
32.5°	72.2
35°	50.3
37.5°	35.7
40°	25.6
42.5°	18.4
45°	13.2
47.5°	8.9
50°	6.0
52.5°	4.3
55°	4.0
57.5°	3.7
60°	3.2
62.5°	2.9
65°	2.6
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)