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: P1314002

Luminaire Tested: P3SQAS05R129735DE010 E3SQPHLD1MW

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:	P1314002
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab:	INNOVATION CENTER
Issue Date:	1/30/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	IRiS
Catalog Number:	P3SQAS05R129735DE010 E3SQPHLD1MW
Description:	3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3SQPHLD1MW TRIM
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	587.0 lumens
Efficiency:	N/A
Efficacy:	77.2 lumens/watt
Spacing Criteria (0/90/45):	0.22 / 0.22 / 0.22
Luminous Opening:	Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type:	Direct

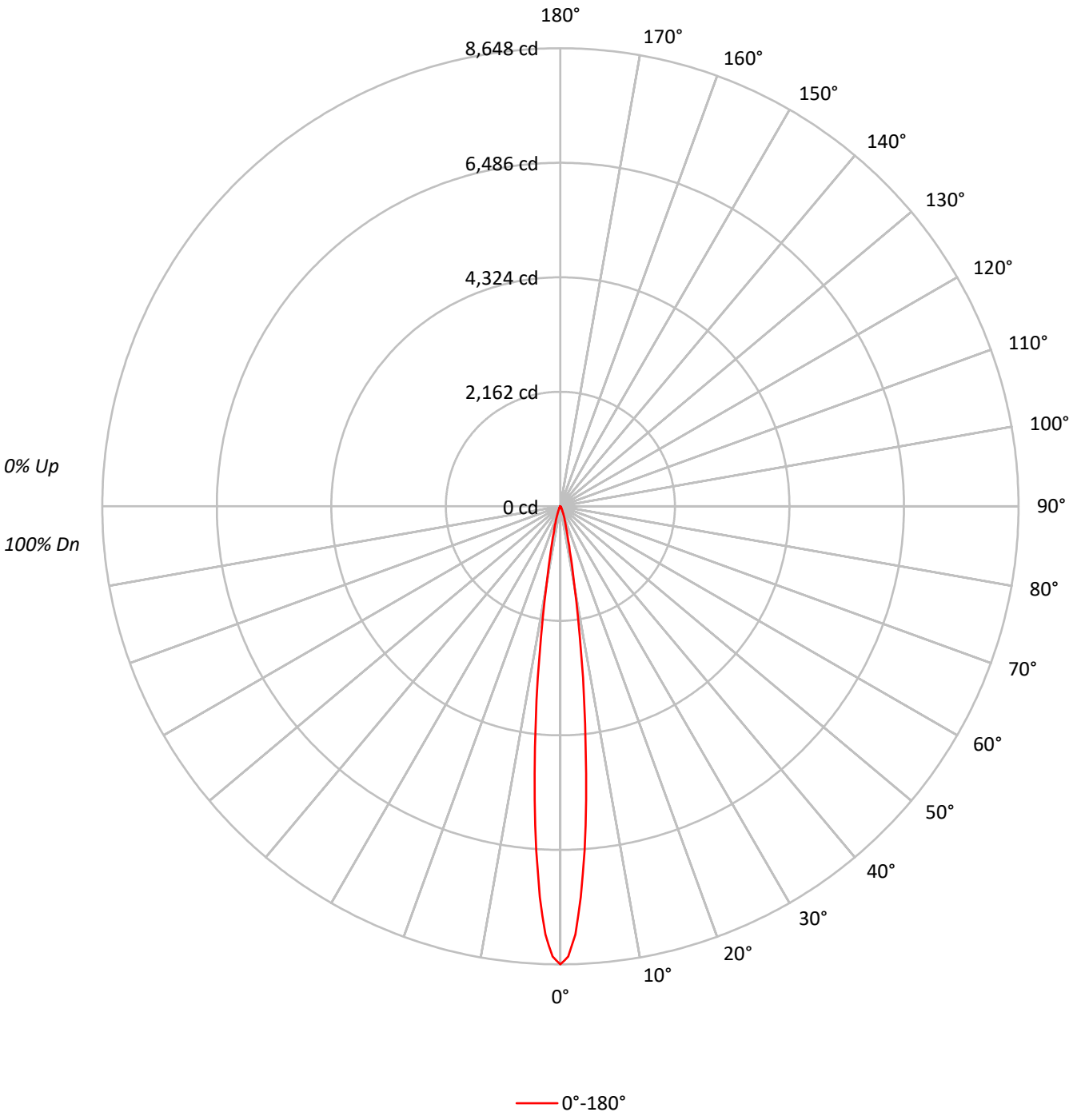
Input Watts (W):	7.6
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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

Scaled Data Report

TEST NUMBER: P1314002
CATALOG NUMBER: P3SQAS05R129735DE010 E3SQPHLD1MW

Luminous Intensity Polar Plot



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

Scaled Data Report

TEST NUMBER: P1314002
CATALOG NUMBER: P3SQAS05R129735DE010 E3SQPHLD1MW

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	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	89
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1489364
5°	962322
10°	271518
15°	76775
20°	32092
25°	14214
30°	7259
35°	3826
40°	1641
45°	438
50°	482
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 50°
Luminance: 482 cd/sqm

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

Scaled Data Report

TEST NUMBER: P1314002
CATALOG NUMBER: P3SQAS05R129735DE010 E3SQPHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	392.2	66.8
10°-20°	142.3	24.2
20°-30°	38.1	6.5
30°-40°	12.0	2.0
40°-50°	2.2	0.4
50°-60°	0.2	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	572.6	97.5
0°-40°	584.5	99.6
0°-60°	587.0	100.0
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8648	
5°	5566	392
15°	431	142
25°	75	38
35°	18	12
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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

Scaled Data Report

TEST NUMBER: P1314002
CATALOG NUMBER: P3SQAS05R129735DE010 E3SQPHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	8647.9
1°	8501.9
2°	8091.4
3°	7389.0
4°	6516.9
5°	5566.4
6°	4575.7
7°	3689.0
8°	2838.8
9°	2112.7
10°	1552.6
11°	1143.9
12°	861.1
13°	667.7
14°	529.1
15°	430.6
17.5°	273.7
20°	175.1
22.5°	113.1
25°	74.8
27.5°	51.1
30°	36.5
32.5°	25.5
35°	18.2
37.5°	12.8
40°	7.3
42.5°	3.6
45°	1.8
47.5°	1.8
50°	1.8
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0

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

Scaled Data Report

TEST NUMBER: P1314002
CATALOG NUMBER: P3SQAS05R129735DE010 E3SQPHLD1MW

CANDELA DISTRIBUTION (continued):

	0°
90°	*0.0*

(END OF REPORT)