

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: P1275411

Luminaire Tested: P3AS05R309835DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275411
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309835DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

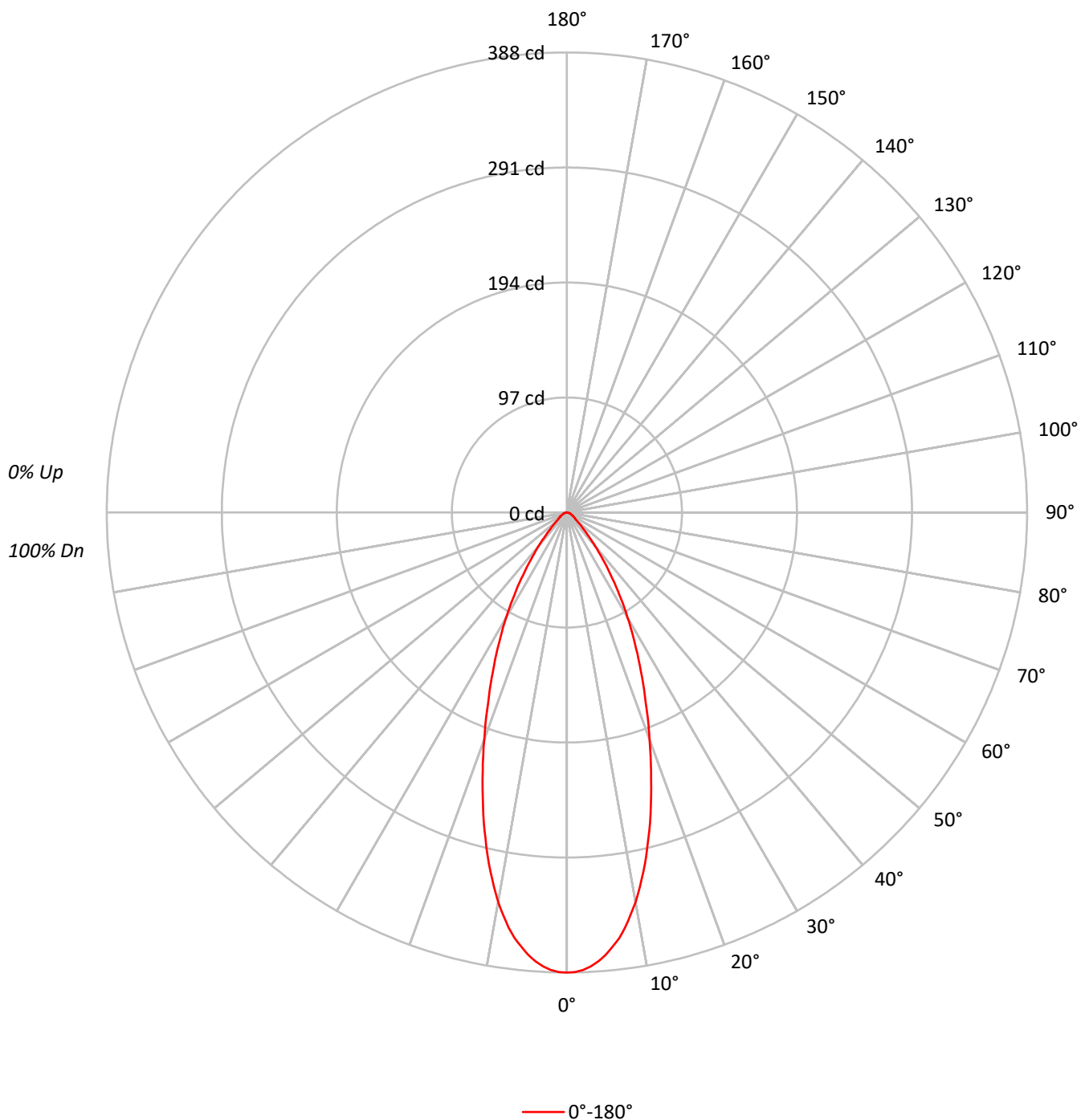
Lumens per Lamp: N/A
Luminaire Lumens: 249.0 lumens
Efficiency: N/A
Efficacy: 34.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1275411

CATALOG NUMBER: P3AS05R309835DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1275411

CATALOG NUMBER: P3AS05R309835DE010 E3DLP1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	85081
5°	82434
10°	74281
15°	61453
20°	47581
25°	35688
30°	25903
35°	17266
40°	10620
45°	6233
50°	3821
55°	3097
60°	2719
65°	2179
70°	1988
75°	1949
80°	1515
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6233 cd/sqm

TEST NUMBER: P1275411

CATALOG NUMBER: P3AS05R309835DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	13.8
10°-20°	74.6	29.9
20°-30°	67.8	27.2
30°-40°	41.0	16.5
40°-50°	16.5	6.6
50°-60°	7.3	2.9
60°-70°	4.4	1.8
70°-80°	2.4	1.0
80°-90°	0.7	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°	176.8	71.0
0°-40°	217.8	87.5
0°-60°	241.5	97.0
0°-90°	249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	249.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	388	
5°	374	34
15°	271	75
25°	148	68
35°	64	41
45°	20	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1275411

CATALOG NUMBER: P3AS05R309835DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	388.0
1°	387.6
2°	386.1
3°	383.4
4°	379.5
5°	374.5
6°	368.3
7°	361.8
8°	353.3
9°	343.6
10°	333.6
11°	322.0
12°	309.7
13°	297.3
14°	283.8
15°	270.7
17.5°	236.3
20°	203.9
22.5°	173.7
25°	147.5
27.5°	123.6
30°	102.3
32.5°	82.6
35°	64.5
37.5°	49.4
40°	37.1
42.5°	27.0
45°	20.1
47.5°	15.1
50°	11.2
52.5°	8.9
55°	8.1
57.5°	6.9
60°	6.2
62.5°	5.0
65°	4.2
67.5°	3.9
70°	3.1
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.2
82.5°	0.8
85°	0.8
87.5°	0.4



TEST NUMBER: P1275411

CATALOG NUMBER: P3AS05R309835DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):



(END OF REPORT)