

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: P1256683

Luminaire Tested: P3AS05R459040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256683
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

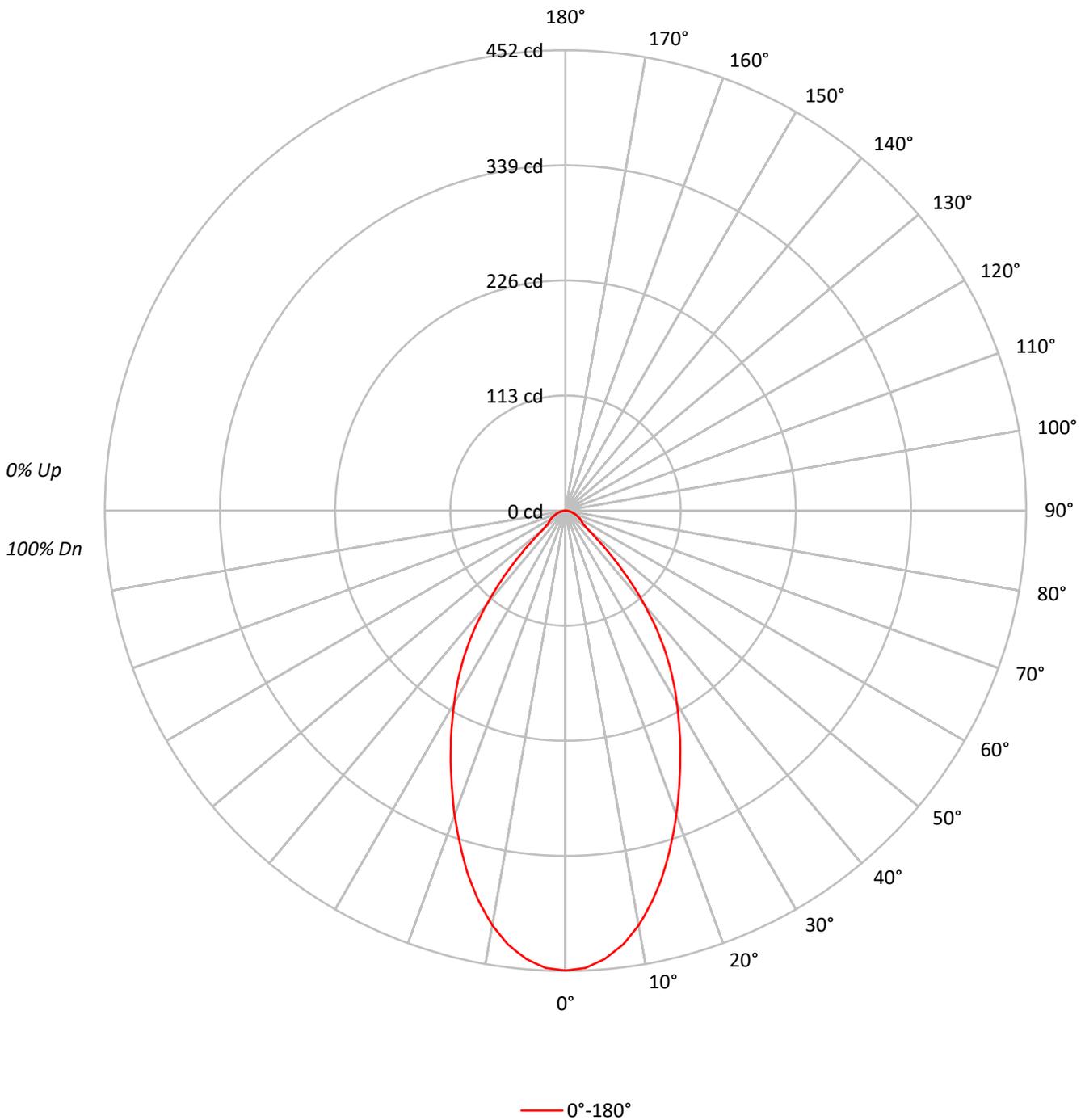
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 467.0 lumens
Efficiency: N/A
Efficacy: 64.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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: P1256683
CATALOG NUMBER: P3AS05R459040DE010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1256683
 CATALOG NUMBER: P3AS05R459040DE010 E3DLD1H

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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99005
5°	97270
10°	92027
15°	83928
20°	74230
25°	64455
30°	55325
35°	46097
40°	34350
45°	21025
50°	9722
55°	7608
60°	7324
65°	6693
70°	6219
75°	5931
80°	5430
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21025 cd/sqm



TEST NUMBER: P1256683
 CATALOG NUMBER: P3AS05R459040DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.3	8.8
10°-20°	102.9	22.0
20°-30°	122.3	26.2
30°-40°	106.3	22.8
40°-50°	53.3	11.4
50°-60°	18.5	4.0
60°-70°	13.0	2.8
70°-80°	7.3	1.6
80°-90°	2.2	0.5
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°	266.5	57.1
0°-40°	372.8	79.8
0°-60°	444.6	95.2
0°-90°	467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	467.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	452	
5°	442	41
15°	370	103
25°	266	122
35°	172	106
45°	68	53
55°	20	19
65°	13	13
75°	7	7
85°	2	2
90°	0	



TEST NUMBER: P1256683
CATALOG NUMBER: P3AS05R459040DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	451.5
2.5°	449.4
5°	441.9
7.5°	430.0
10°	413.3
12.5°	392.9
15°	369.7
17.5°	343.9
20°	318.1
22.5°	291.7
25°	266.4
27.5°	242.2
30°	218.5
32.5°	195.9
35°	172.2
37.5°	146.9
40°	120.0
42.5°	93.6
45°	67.8
47.5°	44.7
50°	28.5
52.5°	22.1
55°	19.9
57.5°	18.3
60°	16.7
62.5°	15.1
65°	12.9
67.5°	11.3
70°	9.7
72.5°	8.1
75°	7.0
77.5°	5.4
80°	4.3
82.5°	3.2
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)