

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: P1248598

Luminaire Tested: P3AS05R509027DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248598
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509027DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

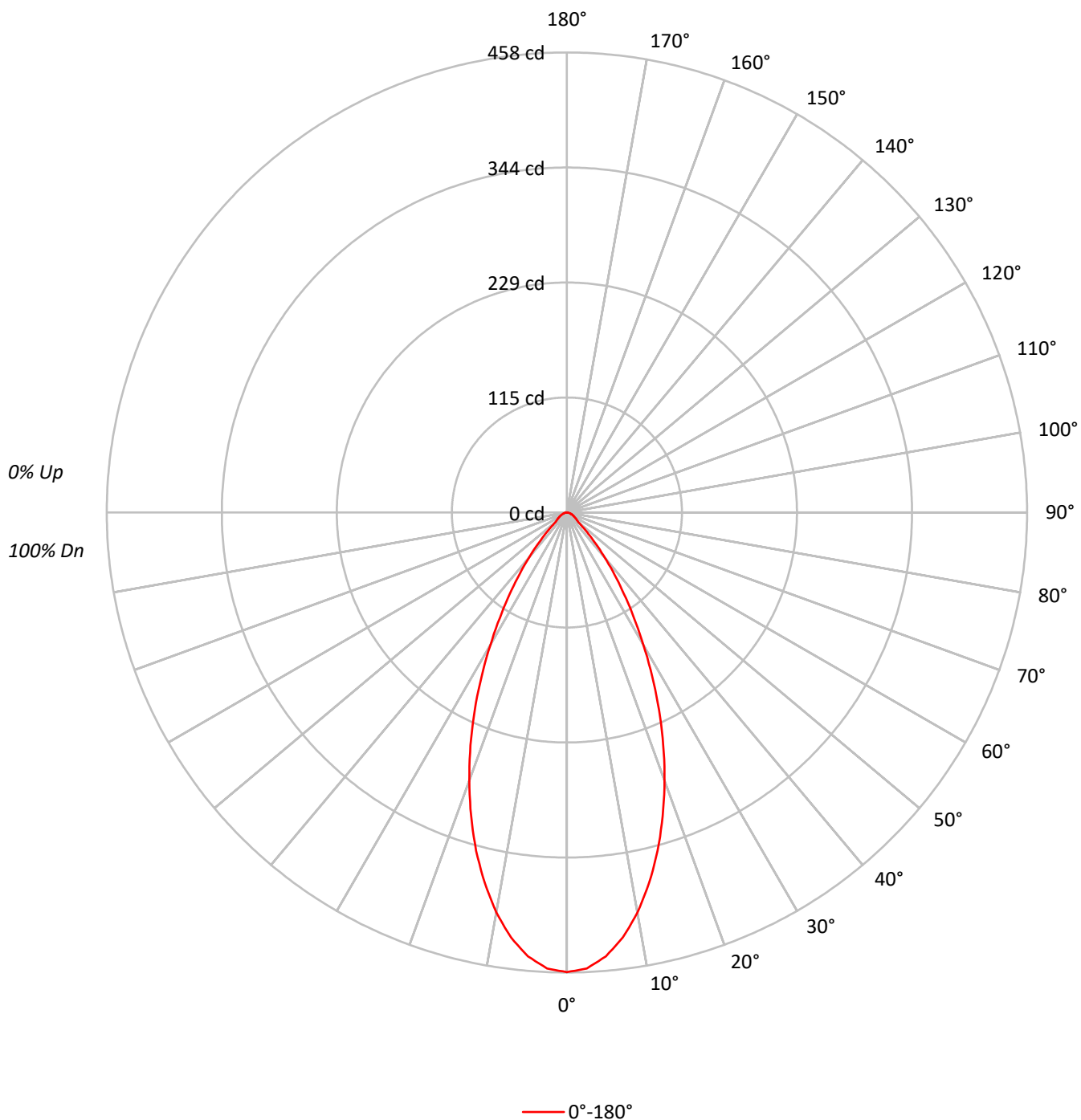
Lumens per Lamp: N/A
Luminaire Lumens: 345.0 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248598

CATALOG NUMBER: P3AS05R509027DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1248598

CATALOG NUMBER: P3AS05R509027DE010 E3DLP1LI

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79		
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73		
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68		
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64		
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60		
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56		
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53		
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100343
5°	97644
10°	90045
15°	79183
20°	66249
25°	52527
30°	38538
35°	26502
40°	16832
45°	9427
50°	5083
55°	4282
60°	3684
65°	3373
70°	3013
75°	2796
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9427 cd/sqm

TEST NUMBER: P1248598

CATALOG NUMBER: P3AS05R509027DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.1	11.9
10°-20°	96.6	28.0
20°-30°	98.8	28.6
30°-40°	62.6	18.2
40°-50°	24.9	7.2
50°-60°	10.1	2.9
60°-70°	6.5	1.9
70°-80°	3.3	1.0
80°-90°	1.0	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°	236.5	68.6
0°-40°	299.1	86.7
0°-60°	334.2	96.9
0°-90°	345.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	345.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	458	
5°	444	41
15°	349	97
25°	217	99
35°	99	63
45°	30	25
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1248598

CATALOG NUMBER: P3AS05R509027DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	457.6
2.5°	454.3
5°	443.6
7.5°	426.8
10°	404.4
12.5°	377.8
15°	348.8
17.5°	317.0
20°	283.9
22.5°	250.7
25°	217.1
27.5°	183.5
30°	152.2
32.5°	124.2
35°	99.0
37.5°	77.5
40°	58.8
42.5°	43.4
45°	30.4
47.5°	20.5
50°	14.9
52.5°	12.6
55°	11.2
57.5°	9.8
60°	8.4
62.5°	7.5
65°	6.5
67.5°	5.6
70°	4.7
72.5°	3.7
75°	3.3
77.5°	2.3
80°	1.9
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)