

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: P1248935

Luminaire Tested: P3AS09R459027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248935
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

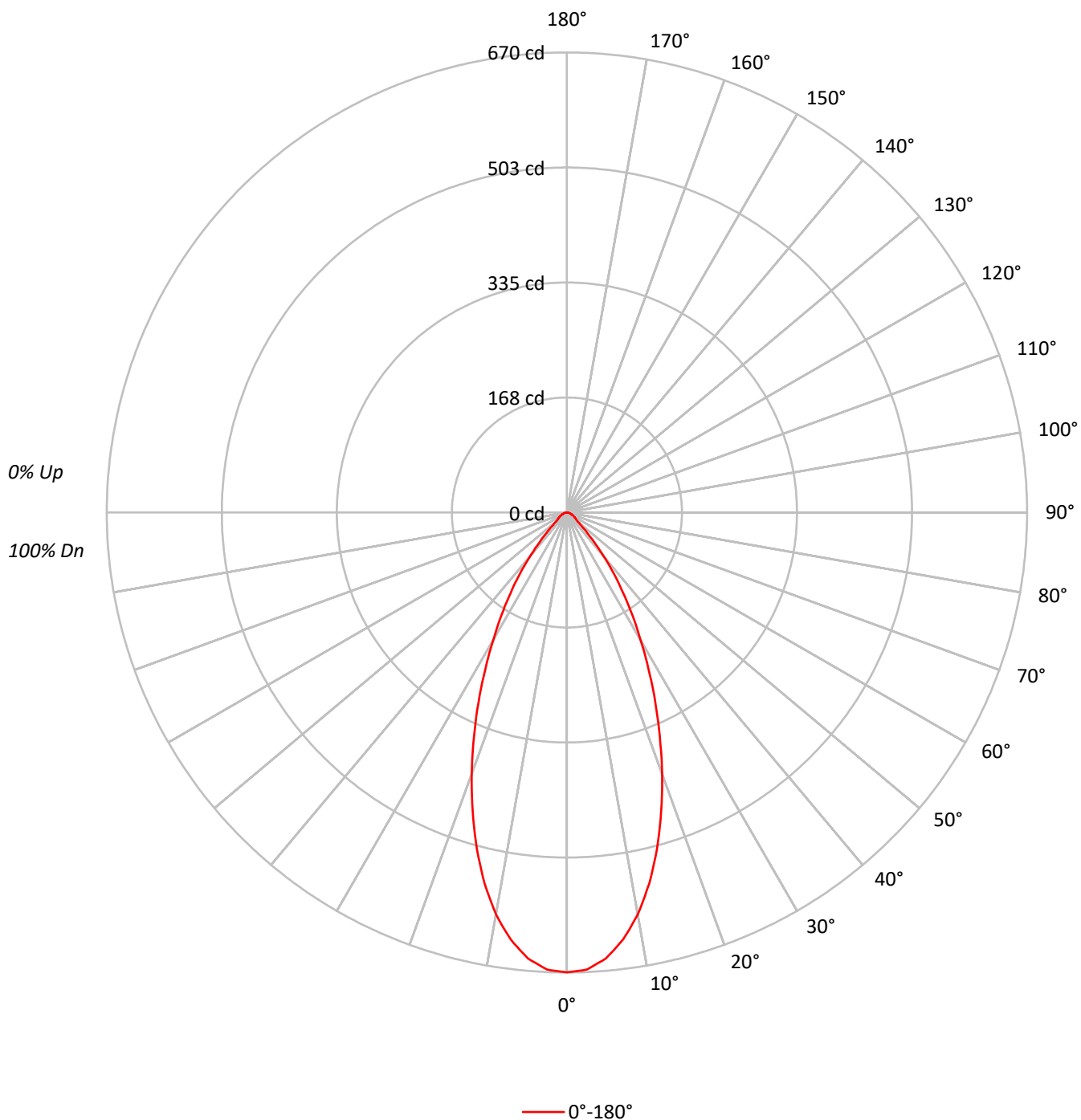
Lumens per Lamp: N/A
Luminaire Lumens: 493.1 lumens
Efficiency: N/A
Efficacy: 44.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

TEST NUMBER: P1248935

CATALOG NUMBER: P3AS09R459027DE010 E3DL1WH

Luminous Intensity Polar Plot



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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146852
5°	143495
10°	132373
15°	115097
20°	94555
25°	73577
30°	54337
35°	38226
40°	23873
45°	12932
50°	6993
55°	6002
60°	5394
65°	4618
70°	3975
75°	4067
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12932 cd/sqm

TEST NUMBER: P1248935

CATALOG NUMBER: P3AS09R459027DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.4	12.2
10°-20°	140.2	28.4
20°-30°	139.2	28.2
30°-40°	89.6	18.2
40°-50°	34.5	7.0
50°-60°	14.0	2.8
60°-70°	8.9	1.8
70°-80°	4.8	1.0
80°-90°	1.5	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°	339.7	68.9
0°-40°	429.3	87.1
0°-60°	477.9	96.9
0°-90°	493.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	493.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	670	
5°	652	60
15°	507	140
25°	304	139
35°	143	90
45°	42	35
55°	16	14
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	669.7
2.5°	666.3
5°	651.9
7.5°	627.3
10°	594.5
12.5°	553.5
15°	507.0
17.5°	456.5
20°	405.2
22.5°	353.3
25°	304.1
27.5°	257.6
30°	214.6
32.5°	177.0
35°	142.8
37.5°	112.1
40°	83.4
42.5°	60.1
45°	41.7
47.5°	28.0
50°	20.5
52.5°	17.1
55°	15.7
57.5°	13.7
60°	12.3
62.5°	10.3
65°	8.9
67.5°	7.5
70°	6.2
72.5°	5.5
75°	4.8
77.5°	3.4
80°	2.7
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)