

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: P1248975

Luminaire Tested: P3AS09R509027DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248975
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: P3AS09R509027DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

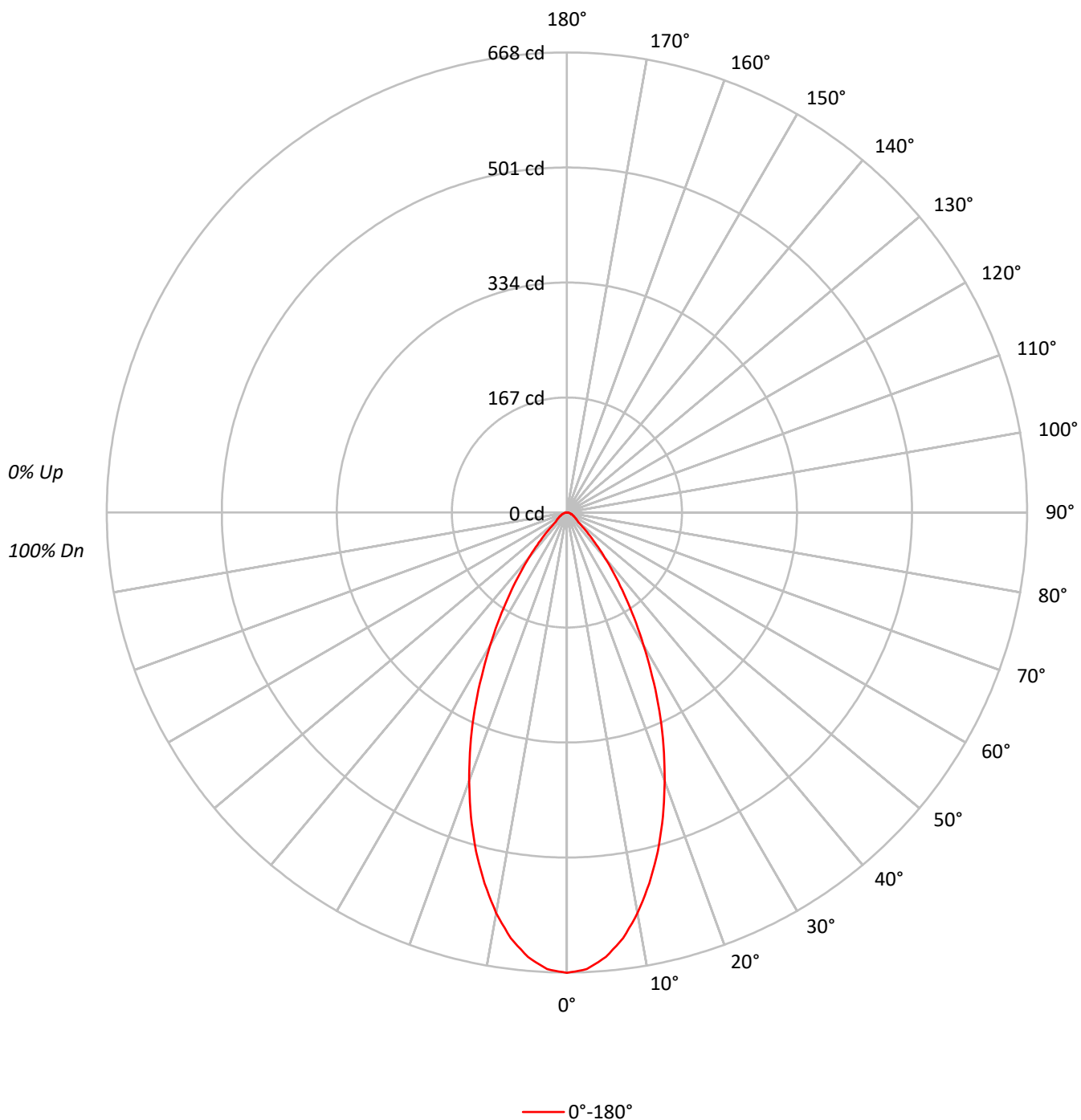
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1248975

CATALOG NUMBER: P3AS09R509027DE010 E3DLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1248975

CATALOG NUMBER: P3AS09R509027DE010 E3DLP1MW

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	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146589
5°	142637
10°	131527
15°	115687
20°	96772
25°	76746
30°	56312
35°	38708
40°	24589
45°	13738
50°	7437
55°	6270
60°	5394
65°	4929
70°	4360
75°	4067
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13738 cd/sqm

TEST NUMBER: P1248975

CATALOG NUMBER: P3AS09R509027DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.0	11.9
10°-20°	141.1	28.0
20°-30°	144.4	28.6
30°-40°	91.5	18.2
40°-50°	36.4	7.2
50°-60°	14.8	2.9
60°-70°	9.4	1.9
70°-80°	4.9	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°	345.5	68.6
0°-40°	437.0	86.7
0°-60°	488.2	96.9
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	668	
5°	648	60
15°	510	141
25°	317	144
35°	145	92
45°	44	36
55°	16	15
65°	10	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1248975

CATALOG NUMBER: P3AS09R509027DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	668.5
2.5°	663.7
5°	648.0
7.5°	623.5
10°	590.7
12.5°	551.8
15°	509.6
17.5°	463.2
20°	414.7
22.5°	366.3
25°	317.2
27.5°	268.1
30°	222.4
32.5°	181.4
35°	144.6
37.5°	113.2
40°	85.9
42.5°	63.4
45°	44.3
47.5°	30.0
50°	21.8
52.5°	18.4
55°	16.4
57.5°	14.3
60°	12.3
62.5°	10.9
65°	9.5
67.5°	8.2
70°	6.8
72.5°	5.5
75°	4.8
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)