

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: P1271732

Luminaire Tested: P3AS09R509827DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271732
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: P3AS09R509827DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

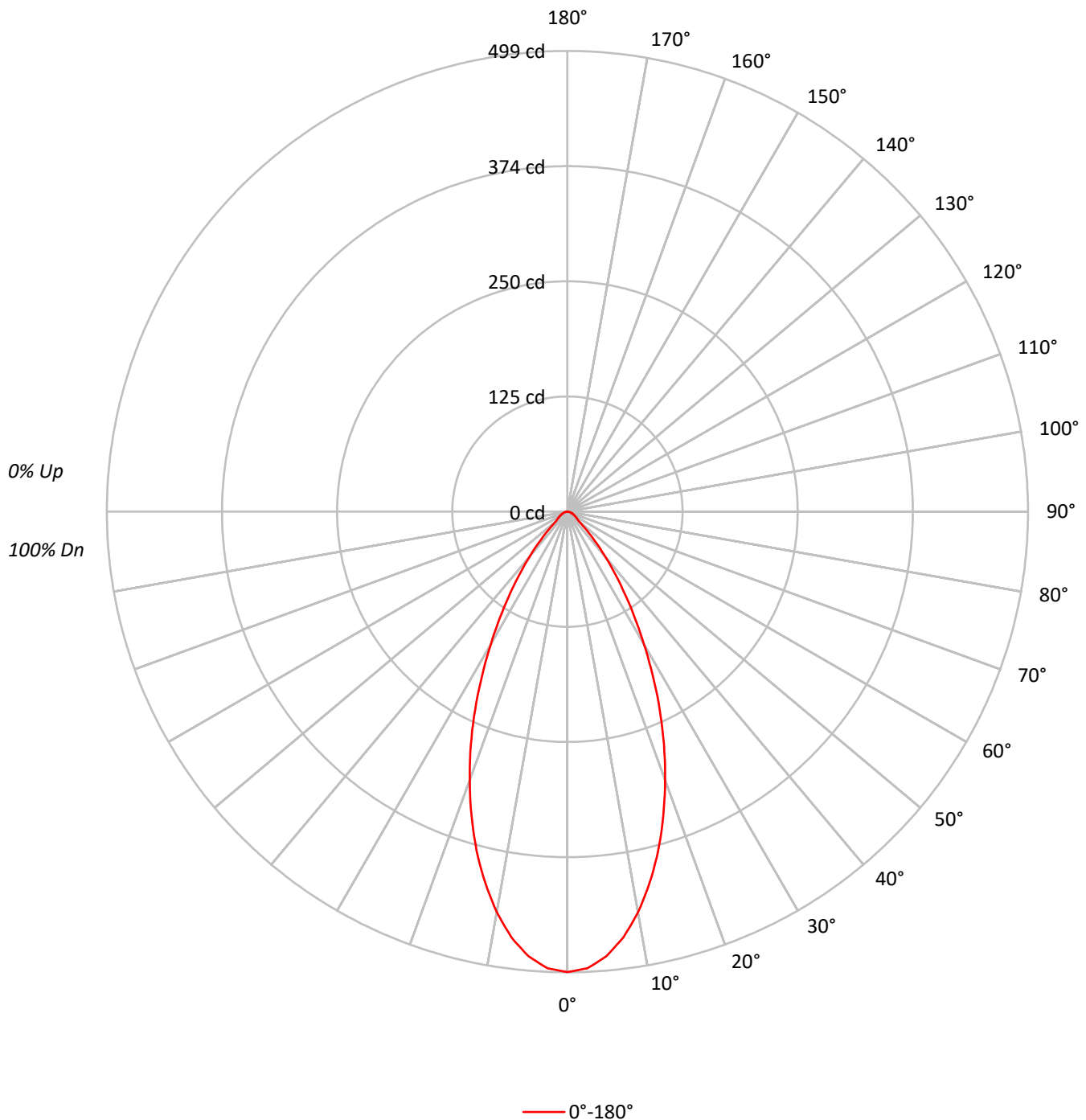
Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271732

CATALOG NUMBER: P3AS09R509827DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271732

CATALOG NUMBER: P3AS09R509827DE010 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°	109355
5°	106405
10°	98128
15°	86289
20°	72200
25°	57245
30°	42006
35°	28884
40°	18349
45°	10265
50°	5561
55°	4664
60°	4035
65°	3684
70°	3270
75°	3050
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10265 cd/sqm

TEST NUMBER: P1271732

CATALOG NUMBER: P3AS09R509827DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.8	11.9
10°-20°	105.3	28.0
20°-30°	107.7	28.6
30°-40°	68.3	18.2
40°-50°	27.2	7.2
50°-60°	11.0	2.9
60°-70°	7.0	1.9
70°-80°	3.6	1.0
80°-90°	1.1	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°	257.7	68.6
0°-40°	326.0	86.7
0°-60°	364.2	96.9
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	483	45
15°	380	105
25°	237	108
35°	108	68
45°	33	27
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1271732

CATALOG NUMBER: P3AS09R509827DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	498.7
2.5°	495.2
5°	483.4
7.5°	465.1
10°	440.7
12.5°	411.7
15°	380.1
17.5°	345.5
20°	309.4
22.5°	273.3
25°	236.6
27.5°	200.0
30°	165.9
32.5°	135.4
35°	107.9
37.5°	84.5
40°	64.1
42.5°	47.3
45°	33.1
47.5°	22.4
50°	16.3
52.5°	13.7
55°	12.2
57.5°	10.7
60°	9.2
62.5°	8.1
65°	7.1
67.5°	6.1
70°	5.1
72.5°	4.1
75°	3.6
77.5°	2.5
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)