

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: P1249058

Luminaire Tested: P3AS09R659027DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249058
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659027DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

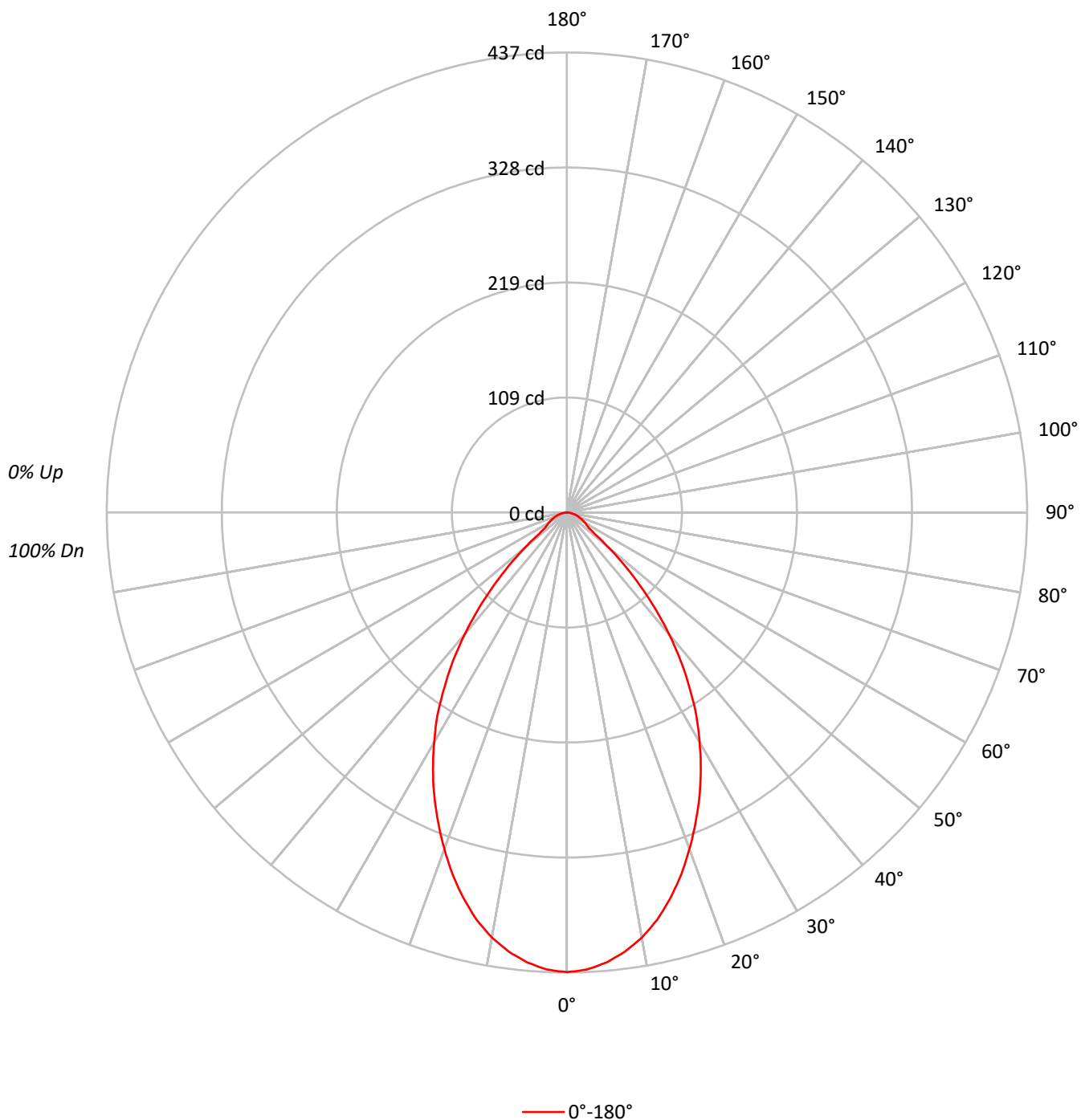
Lumens per Lamp: N/A
Luminaire Lumens: 538.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249058

CATALOG NUMBER: P3AS09R659027DE010 E3DLD1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1249058

CATALOG NUMBER: P3AS09R659027DE010 E3DLD1WMH

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95738
5°	94453
10°	91292
15°	86084
20°	79410
25°	72077
30°	63833
35°	54315
40°	43224
45°	30515
50°	17705
55°	9672
60°	8991
65°	8146
70°	7437
75°	6947
80°	6061
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30515 cd/sqm

TEST NUMBER: P1249058

CATALOG NUMBER: P3AS09R659027DE010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	7.5
10°-20°	106.1	19.7
20°-30°	136.4	25.3
30°-40°	126.1	23.4
40°-50°	76.2	14.2
50°-60°	26.0	4.8
60°-70°	15.6	2.9
70°-80°	8.8	1.6
80°-90°	2.5	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°	282.8	52.6
0°-40°	408.9	76.0
0°-60°	511.0	95.0
0°-90°	538.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	538.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	437	
5°	429	40
15°	379	106
25°	298	136
35°	203	126
45°	98	76
55°	25	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1249058

CATALOG NUMBER: P3AS09R659027DE010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	436.6
2.5°	434.6
5°	429.1
7.5°	420.9
10°	410.0
12.5°	396.3
15°	379.2
17.5°	360.8
20°	340.3
22.5°	319.1
25°	297.9
27.5°	275.4
30°	252.1
32.5°	228.9
35°	202.9
37.5°	177.6
40°	151.0
42.5°	124.4
45°	98.4
47.5°	74.5
50°	51.9
52.5°	32.8
55°	25.3
57.5°	22.5
60°	20.5
62.5°	17.8
65°	15.7
67.5°	13.7
70°	11.6
72.5°	10.2
75°	8.2
77.5°	6.8
80°	4.8
82.5°	3.4
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)