

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: P1271530

Luminaire Tested: P3AS09R159827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271530
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

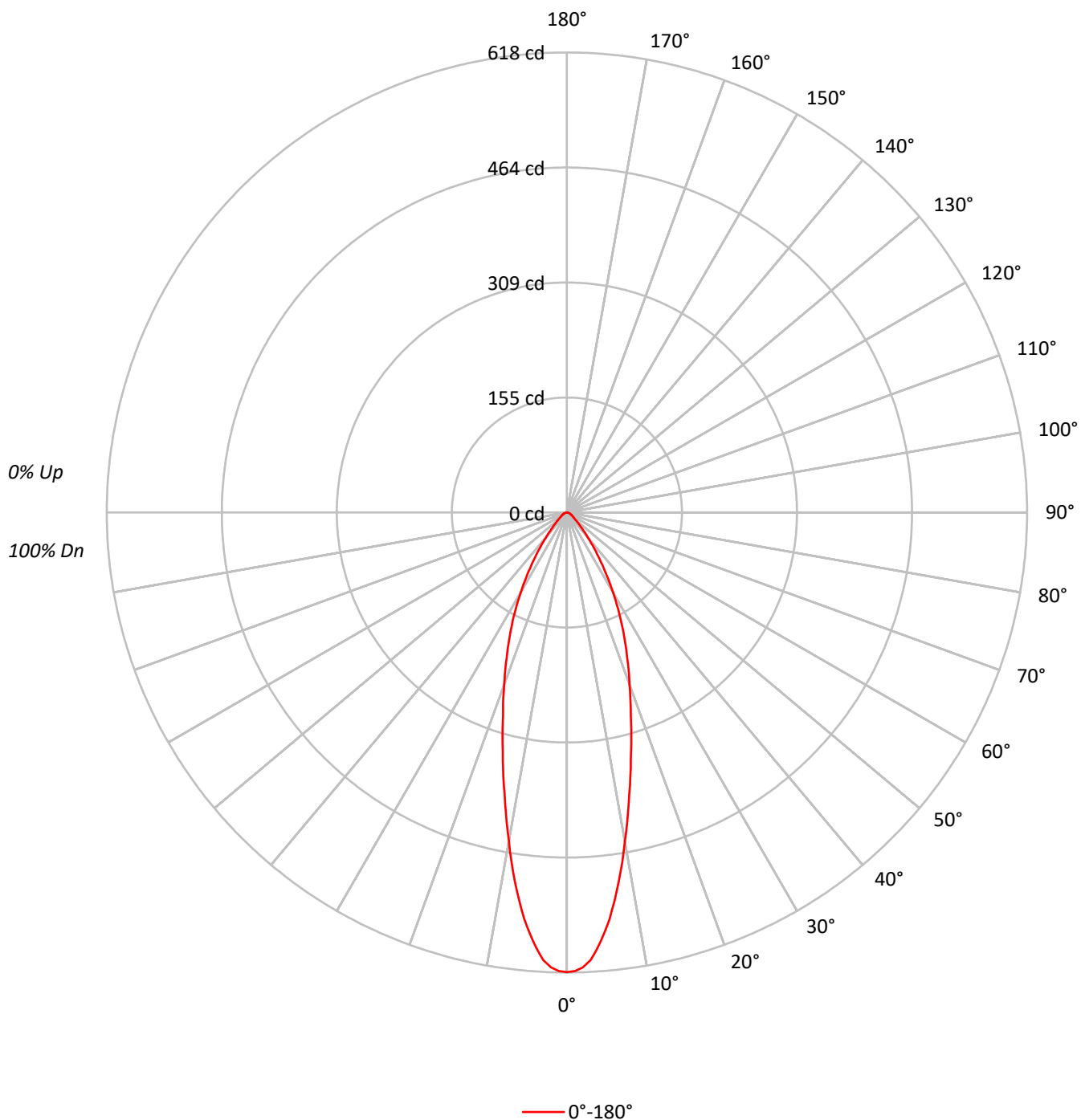
Lumens per Lamp: N/A
Luminaire Lumens: 314.0 lumens
Efficiency: N/A
Efficacy: 28.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271530

CATALOG NUMBER: P3AS09R159827DE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1271530

CATALOG NUMBER: P3AS09R159827DE010 E3DLP1WMH

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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135406
5°	125137
10°	99909
15°	75483
20°	57475
25°	43793
30°	31372
35°	20478
40°	12566
45°	7598
50°	5049
55°	3900
60°	3333
65°	2906
70°	2629
75°	2626
80°	1894
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7598 cd/sqm

TEST NUMBER: P1271530

CATALOG NUMBER: P3AS09R159827DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.4	16.0
10°-20°	92.9	29.6
20°-30°	82.7	26.3
30°-40°	48.9	15.6
40°-50°	20.1	6.4
50°-60°	9.4	3.0
60°-70°	5.7	1.8
70°-80°	3.0	1.0
80°-90°	0.7	0.2
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°	226.0	72.0
0°-40°	274.9	87.6
0°-60°	304.5	97.0
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	618	
5°	568	50
15°	332	93
25°	181	83
35°	76	49
45°	24	20
55°	10	9
65°	6	6
75°	3	3
85°	0	1
90°	0	

TEST NUMBER: P1271530

CATALOG NUMBER: P3AS09R159827DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	617.5
1°	616.0
2°	611.4
3°	602.2
4°	586.9
5°	568.5
6°	548.7
7°	525.2
8°	500.7
9°	475.7
10°	448.7
12.5°	387.0
15°	332.5
17.5°	285.5
20°	246.3
22.5°	211.6
25°	181.0
27.5°	151.4
30°	123.9
32.5°	98.9
35°	76.5
37.5°	58.6
40°	43.9
42.5°	32.6
45°	24.5
47.5°	18.9
50°	14.8
52.5°	12.2
55°	10.2
57.5°	8.7
60°	7.6
62.5°	6.6
65°	5.6
67.5°	5.1
70°	4.1
72.5°	3.6
75°	3.1
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)