

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: P1254594

Luminaire Tested: P3AS13R159035DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254594
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: P3AS13R159035DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

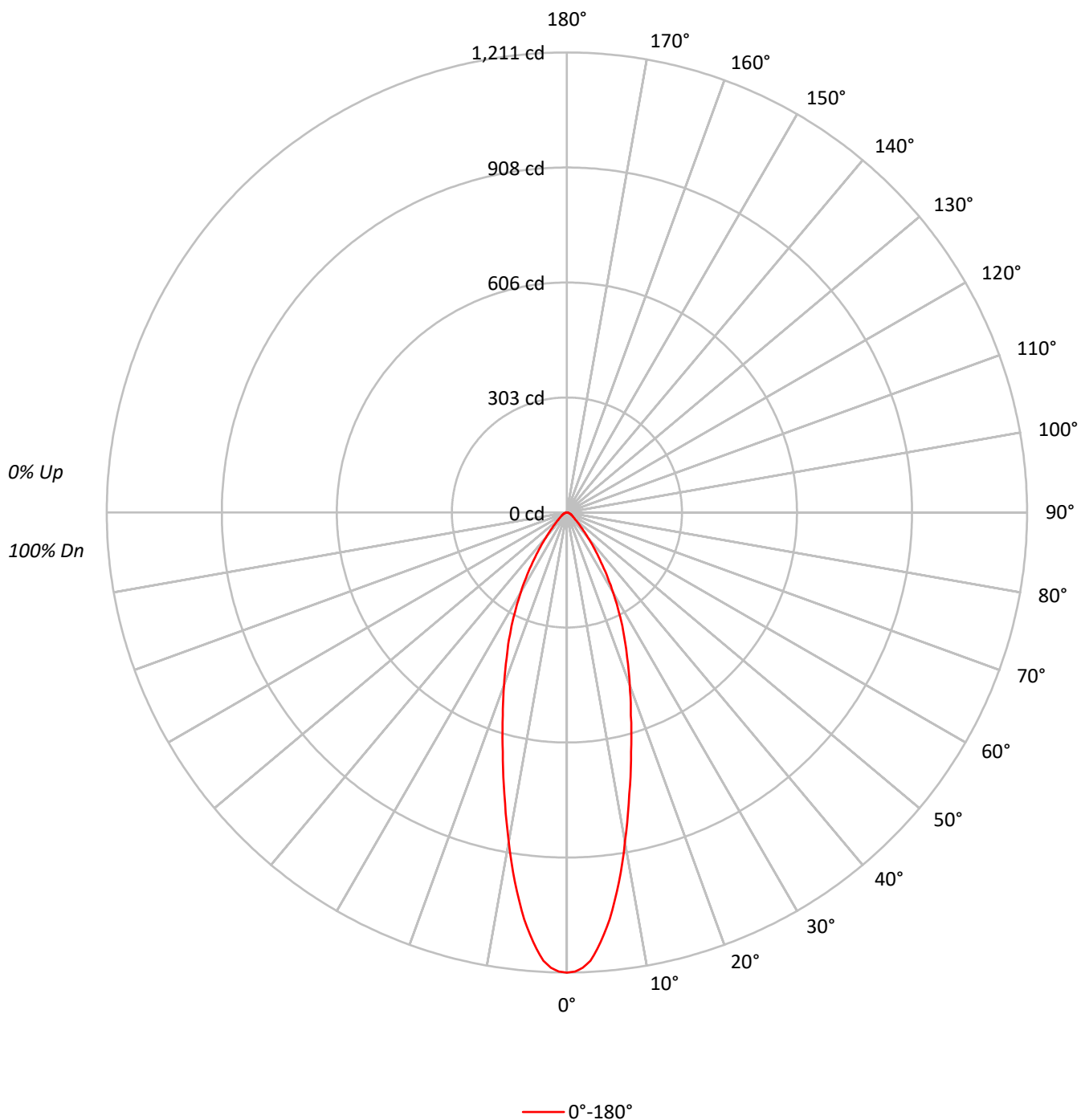
Lumens per Lamp: N/A
Luminaire Lumens: 616.0 lumens
Efficiency: N/A
Efficacy: 42.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1254594

CATALOG NUMBER: P3AS13R159035DE010 E3DLP1WMH

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	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°	265637
5°	245520
10°	196011
15°	148060
20°	112756
25°	85916
30°	61554
35°	40154
40°	24618
45°	14885
50°	9893
55°	7646
60°	6578
65°	5707
70°	5129
75°	5083
80°	3788
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.8	16.0
10°-20°	182.3	29.6
20°-30°	162.3	26.3
30°-40°	96.0	15.6
40°-50°	39.4	6.4
50°-60°	18.5	3.0
60°-70°	11.2	1.8
70°-80°	5.9	1.0
80°-90°	1.5	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°	443.4	72.0
0°-40°	539.4	87.6
0°-60°	597.3	97.0
0°-90°	616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	616.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1211	
5°	1115	99
15°	652	182
25°	355	162
35°	150	96
45°	48	39
55°	20	18
65°	11	11
75°	6	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1211.4
1°	1208.4
2°	1199.4
3°	1181.4
4°	1151.4
5°	1115.4
6°	1076.3
7°	1030.3
8°	982.3
9°	933.3
10°	880.3
12.5°	759.2
15°	652.2
17.5°	560.2
20°	483.2
22.5°	415.1
25°	355.1
27.5°	297.1
30°	243.1
32.5°	194.1
35°	150.0
37.5°	115.0
40°	86.0
42.5°	64.0
45°	48.0
47.5°	37.0
50°	29.0
52.5°	24.0
55°	20.0
57.5°	17.0
60°	15.0
62.5°	13.0
65°	11.0
67.5°	10.0
70°	8.0
72.5°	7.0
75°	6.0
77.5°	4.0
80°	3.0
82.5°	2.0
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)