

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: P1251881

Luminaire Tested: P3AS13R159030DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251881
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159030DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

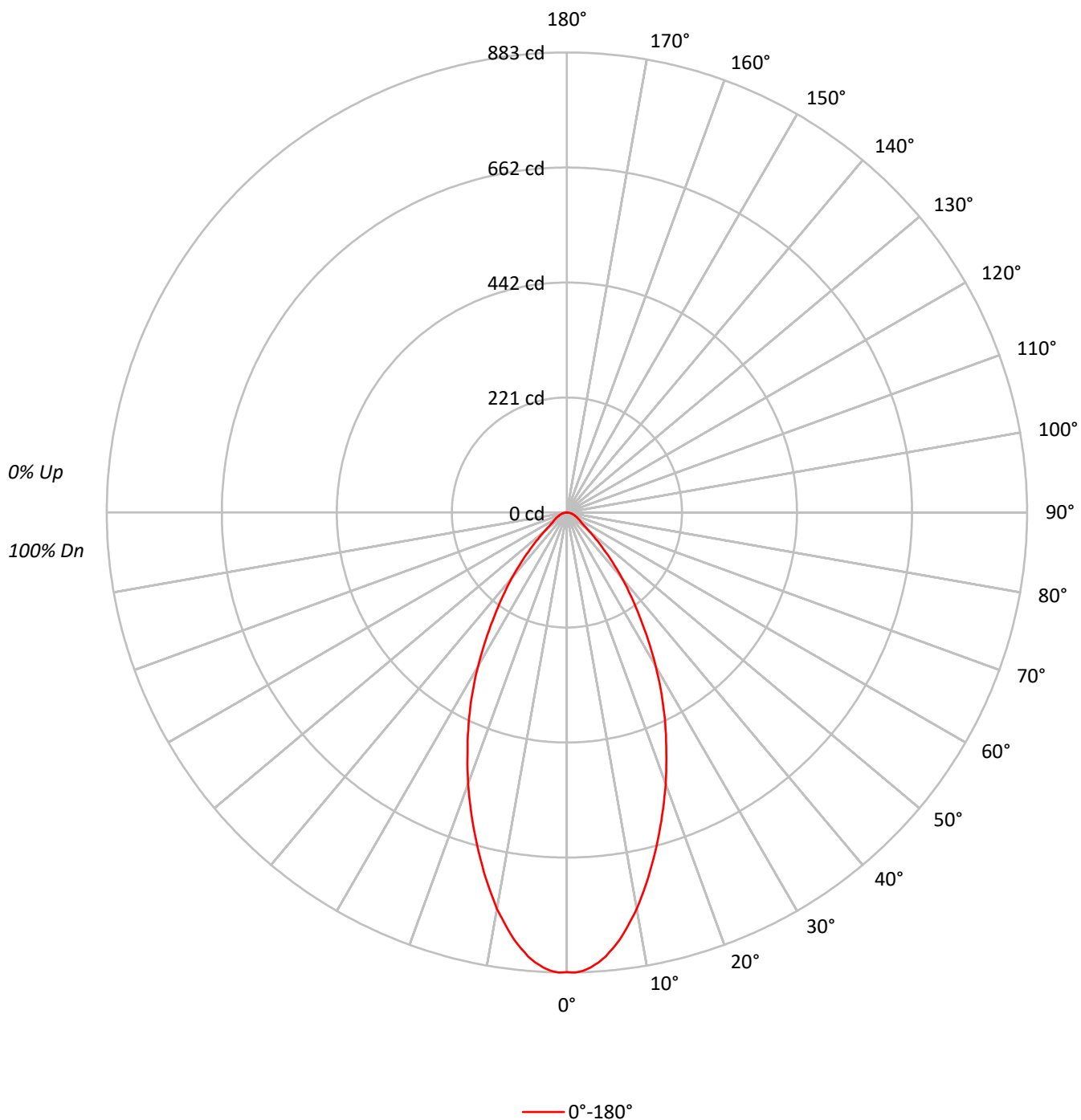
Lumens per Lamp: N/A
Luminaire Lumens: 767.0 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	193471
5°	188223
10°	172008
15°	150648
20°	129255
25°	107909
30°	86368
35°	64755
40°	47002
45°	30732
50°	19240
55°	12998
60°	11490
65°	10585
70°	9938
75°	9065
80°	8587
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30732 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.9	10.3
10°-20°	184.9	24.1
20°-30°	203.7	26.6
30°-40°	152.6	19.9
40°-50°	79.1	10.3
50°-60°	32.8	4.3
60°-70°	20.3	2.6
70°-80°	11.4	1.5
80°-90°	3.3	0.4
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°	467.6	61.0
0°-40°	620.1	80.9
0°-60°	732.0	95.4
0°-90°	767.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	767.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	882	
5°	855	79
15°	664	185
25°	446	204
35°	242	153
45°	99	79
55°	34	33
65°	20	20
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	882.3
1°	883.2
2°	880.3
3°	874.5
4°	865.8
5°	855.1
6°	841.5
7°	826.9
8°	809.4
9°	790.9
10°	772.5
12.5°	719.0
15°	663.6
17.5°	608.3
20°	553.9
22.5°	498.5
25°	446.0
27.5°	393.5
30°	341.1
32.5°	289.6
35°	241.9
37.5°	201.1
40°	164.2
42.5°	130.2
45°	99.1
47.5°	74.8
50°	56.4
52.5°	41.8
55°	34.0
57.5°	30.1
60°	26.2
62.5°	23.3
65°	20.4
67.5°	17.5
70°	15.5
72.5°	12.6
75°	10.7
77.5°	8.7
80°	6.8
82.5°	4.9
85°	2.9
87.5°	1.0
90°	0.0

(END OF REPORT)