

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: P1254588

Luminaire Tested: P3AS13R159035DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254588
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: P3AS13R159035DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

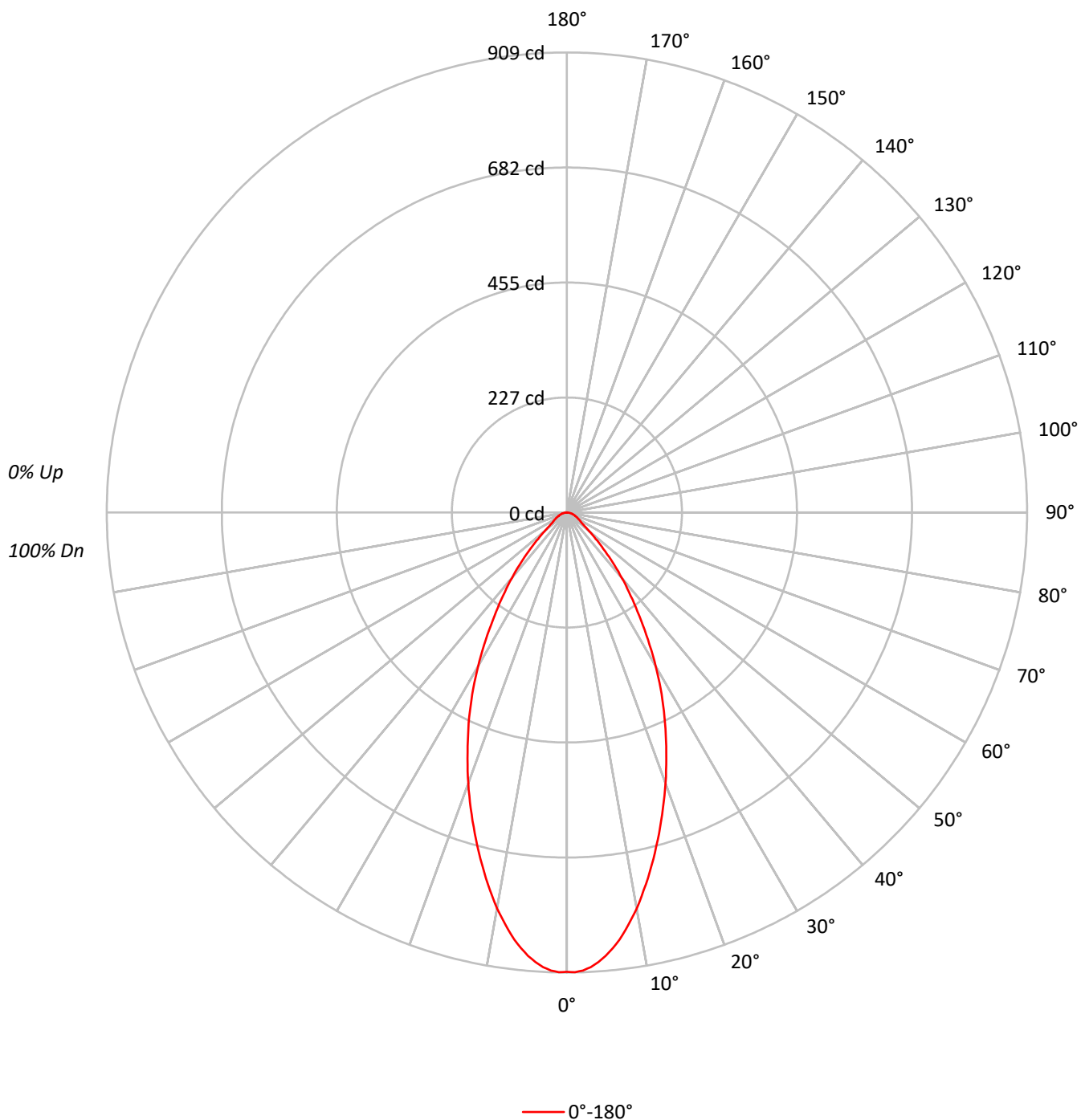
Lumens per Lamp: N/A
Luminaire Lumens: 789.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	70	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°	199019
5°	193616
10°	176928
15°	154984
20°	132942
25°	111006
30°	88824
35°	66629
40°	48348
45°	31631
50°	19786
55°	13381
60°	11841
65°	10896
70°	10258
75°	9320
80°	8840
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31631 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	10.3
10°-20°	190.2	24.1
20°-30°	209.6	26.6
30°-40°	156.9	19.9
40°-50°	81.4	10.3
50°-60°	33.7	4.3
60°-70°	20.9	2.6
70°-80°	11.7	1.5
80°-90°	3.4	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°	481.0	61.0
0°-40°	637.9	80.8
0°-60°	753.0	95.4
0°-90°	789.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	789.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	908	
5°	880	81
15°	683	190
25°	459	210
35°	249	157
45°	102	81
55°	35	34
65°	21	21
75°	11	12
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	907.6
1°	908.6
2°	905.6
3°	899.6
4°	890.6
5°	879.6
6°	865.6
7°	850.6
8°	832.6
9°	813.6
10°	794.6
12.5°	739.7
15°	682.7
17.5°	625.7
20°	569.7
22.5°	512.8
25°	458.8
27.5°	404.8
30°	350.8
32.5°	297.9
35°	248.9
37.5°	206.9
40°	168.9
42.5°	133.9
45°	102.0
47.5°	77.0
50°	58.0
52.5°	43.0
55°	35.0
57.5°	31.0
60°	27.0
62.5°	24.0
65°	21.0
67.5°	18.0
70°	16.0
72.5°	13.0
75°	11.0
77.5°	9.0
80°	7.0
82.5°	5.0
85°	3.0
87.5°	1.0
90°	0.0

(END OF REPORT)