

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: P1257346

Luminaire Tested: P3AS13R259040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257346
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

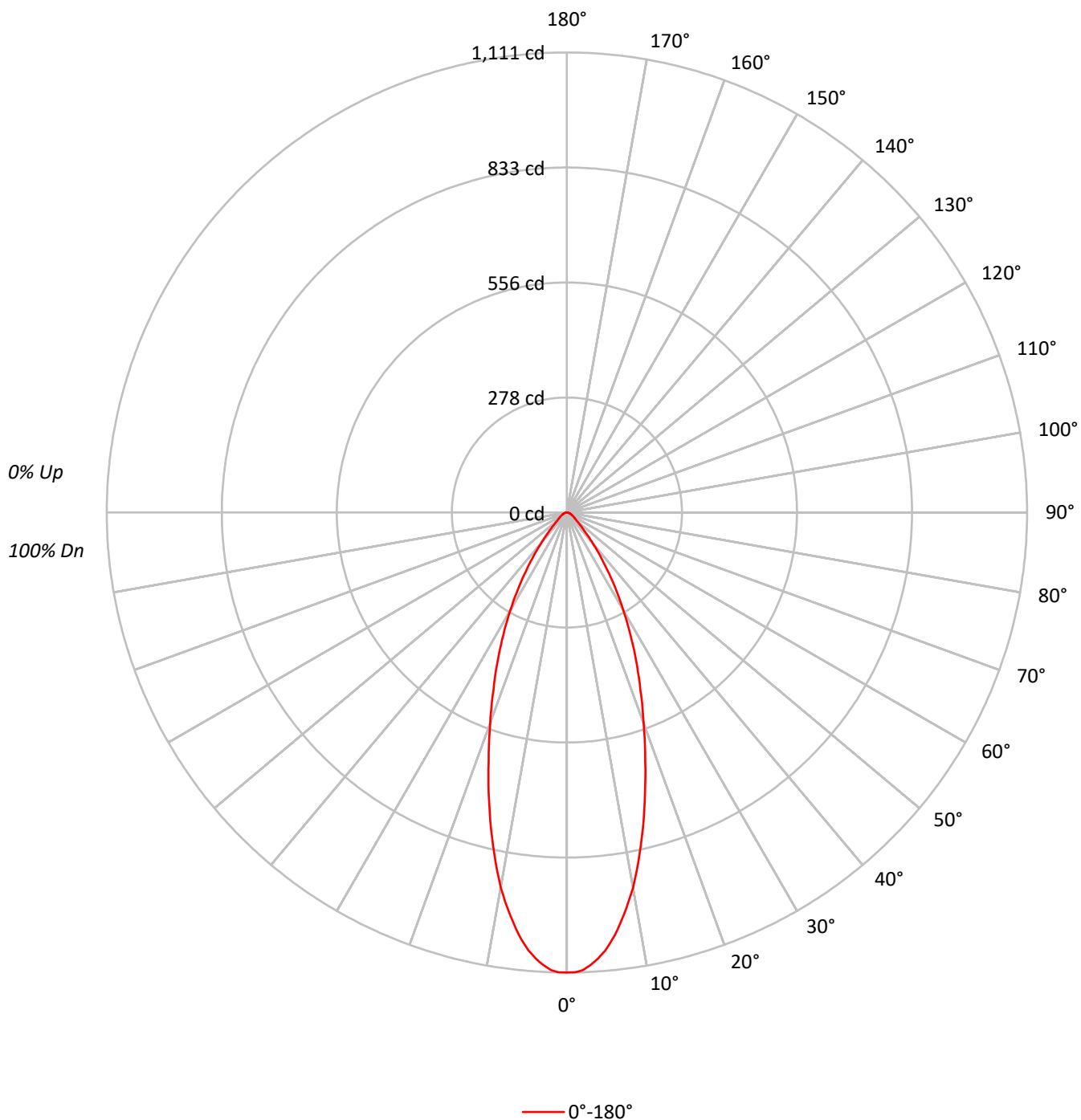
Lumens per Lamp: N/A
Luminaire Lumens: 671.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	243599
5°	233722
10°	204739
15°	164564
20°	126454
25°	95667
30°	69125
35°	45936
40°	27852
45°	16219
50°	10337
55°	8411
60°	7324
65°	6538
70°	5386
75°	5338
80°	3915
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16219 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.7	14.4
10°-20°	200.5	29.9
20°-30°	181.3	27.0
30°-40°	108.9	16.2
40°-50°	43.3	6.4
50°-60°	19.9	3.0
60°-70°	12.2	1.8
70°-80°	6.5	1.0
80°-90°	1.8	0.3
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°	478.4	71.3
0°-40°	587.3	87.5
0°-60°	650.5	96.9
0°-90°	671.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1111	
5°	1062	97
15°	725	200
25°	395	181
35°	172	109
45°	52	43
55°	22	20
65°	13	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1110.9
1°	1110.9
2°	1105.7
3°	1094.2
4°	1079.6
5°	1061.8
6°	1038.8
7°	1012.6
8°	982.3
9°	951.9
10°	919.5
11°	881.9
12°	843.2
13°	804.4
14°	765.7
15°	724.9
17.5°	628.7
20°	541.9
22.5°	463.4
25°	395.4
27.5°	331.6
30°	273.0
32.5°	219.7
35°	171.6
37.5°	130.8
40°	97.3
42.5°	71.1
45°	52.3
47.5°	39.8
50°	30.3
52.5°	25.1
55°	22.0
57.5°	18.8
60°	16.7
62.5°	13.6
65°	12.6
67.5°	10.5
70°	8.4
72.5°	7.3
75°	6.3
77.5°	5.2
80°	3.1
82.5°	2.1
85°	2.1
87.5°	1.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)