

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: P1262881

Luminaire Tested: P3A13R659727DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262881
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659727DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

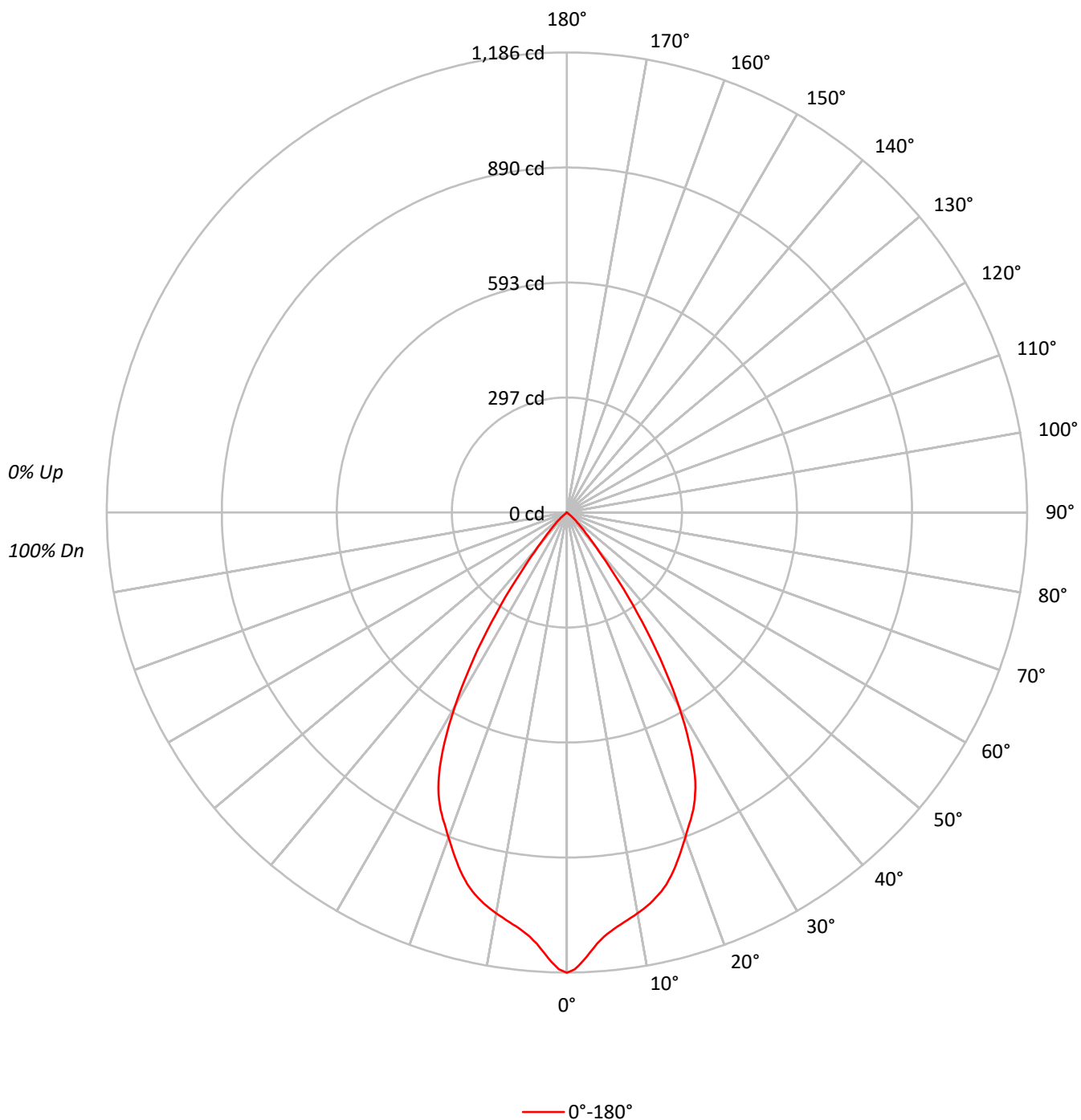
Lumens per Lamp: N/A
Luminaire Lumens: 971.0 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	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°	260177
5°	241580
10°	233618
15°	225155
20°	208151
25°	189640
30°	146529
35°	84939
40°	33692
45°	14358
50°	3411
55°	459
60°	351
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14358 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.5	10.7
10°-20°	276.3	28.5
20°-30°	349.8	36.0
30°-40°	199.2	20.5
40°-50°	39.6	4.1
50°-60°	2.1	0.2
60°-70°	0.5	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	729.6	75.1
0°-40°	928.8	95.7
0°-60°	970.4	99.9
0°-90°	971.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	971.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1186	
5°	1098	104
15°	992	276
25°	784	350
35°	317	199
45°	46	40
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1186.5
1°	1177.8
2°	1158.6
3°	1136.3
4°	1114.3
5°	1097.5
6°	1085.2
7°	1075.2
8°	1066.4
9°	1057.6
10°	1049.2
11°	1040.1
12°	1030.5
13°	1018.9
14°	1006.5
15°	991.8
16°	974.2
17°	955.1
18°	934.3
19°	912.4
20°	892.0
21°	871.2
22°	852.5
23°	832.9
24°	810.2
25°	783.8
26°	752.3
27°	714.4
28°	671.7
29°	626.2
30°	578.7
31°	526.4
32°	474.5
32.5°	447.8
33°	421.9
34°	369.2
35°	317.3
36°	269.4
37°	221.9
37.5°	197.6
38°	178.0
39°	144.1
40°	117.7
42.5°	72.6
45°	46.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	27.1
50°	10.0
52.5°	2.0
55°	1.2
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)