

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: P1269791

Luminaire Tested: P3A13R259740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269791
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

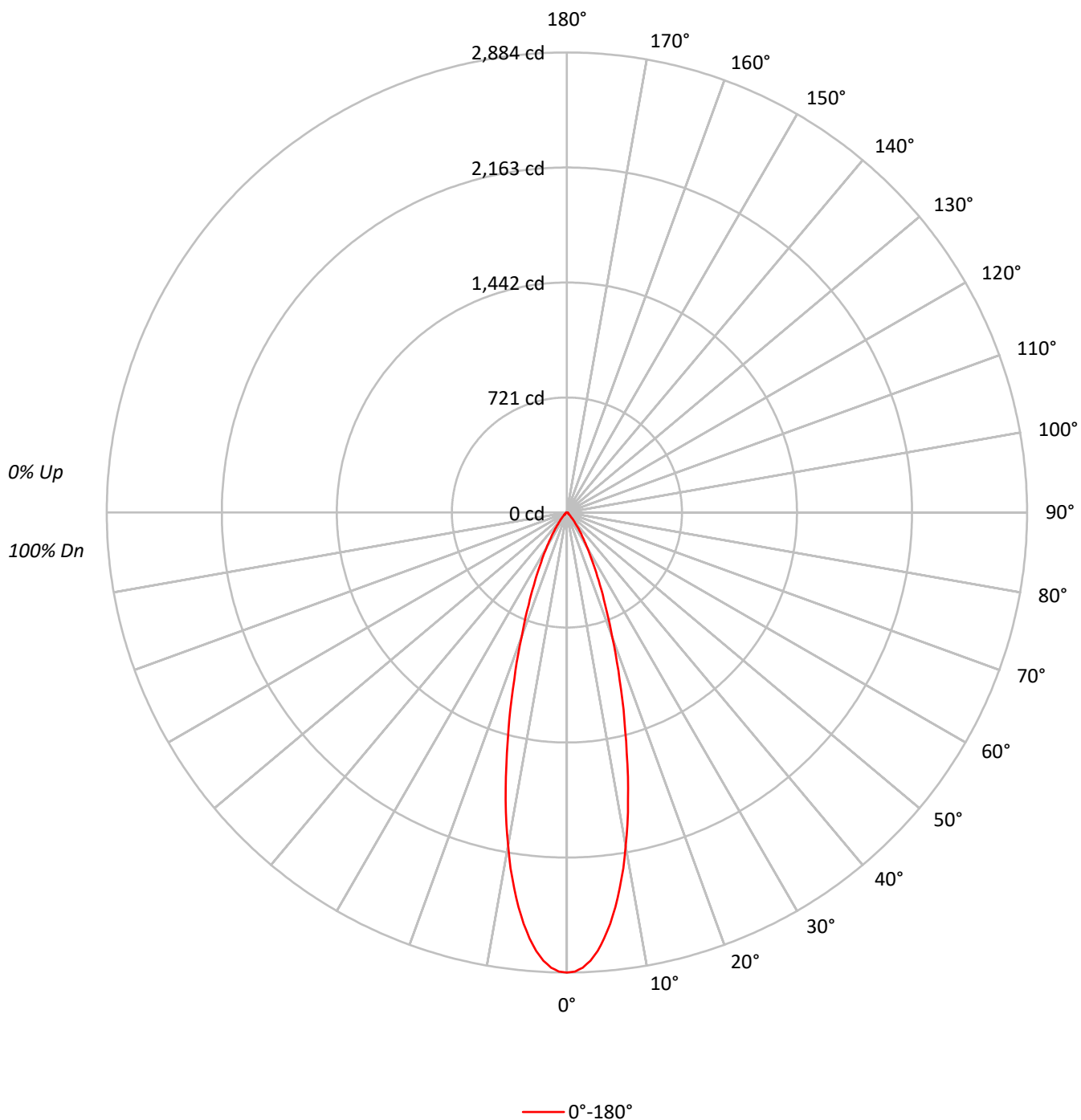
Lumens per Lamp: N/A
Luminaire Lumens: 986.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	632471
5°	590093
10°	472714
15°	320865
20°	194150
25°	113547
30°	64668
35°	35576
40°	18893
45°	9924
50°	5799
55°	4320
60°	3728
65°	3891
70°	3654
75°	3219
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9924 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	237.9	24.1
10°-20°	388.6	39.4
20°-30°	222.0	22.5
30°-40°	87.6	8.9
40°-50°	26.9	2.7
50°-60°	10.6	1.1
60°-70°	7.1	0.7
70°-80°	4.0	0.4
80°-90°	1.3	0.1
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°	848.5	86.1
0°-40°	936.2	94.9
0°-60°	973.6	98.7
0°-90°	986.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	986.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2884	
5°	2681	238
15°	1413	389
25°	469	222
35°	133	88
45°	32	27
55°	11	11
65°	8	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2884.3
1°	2878.7
2°	2855.1
3°	2813.7
4°	2756.2
5°	2680.8
6°	2592.2
7°	2492.4
8°	2376.5
9°	2257.7
10°	2123.0
11°	1990.1
12°	1844.1
13°	1699.9
14°	1552.0
15°	1413.4
17.5°	1095.9
20°	832.0
22.5°	624.7
25°	469.3
27.5°	347.7
30°	255.4
32.5°	184.7
35°	132.9
37.5°	94.2
40°	66.0
42.5°	45.2
45°	32.0
47.5°	22.6
50°	17.0
52.5°	13.2
55°	11.3
57.5°	10.4
60°	8.5
62.5°	7.5
65°	7.5
67.5°	6.6
70°	5.7
72.5°	4.7
75°	3.8
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)