

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: P1274051

Luminaire Tested: P3A13R359830DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274051
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359830DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

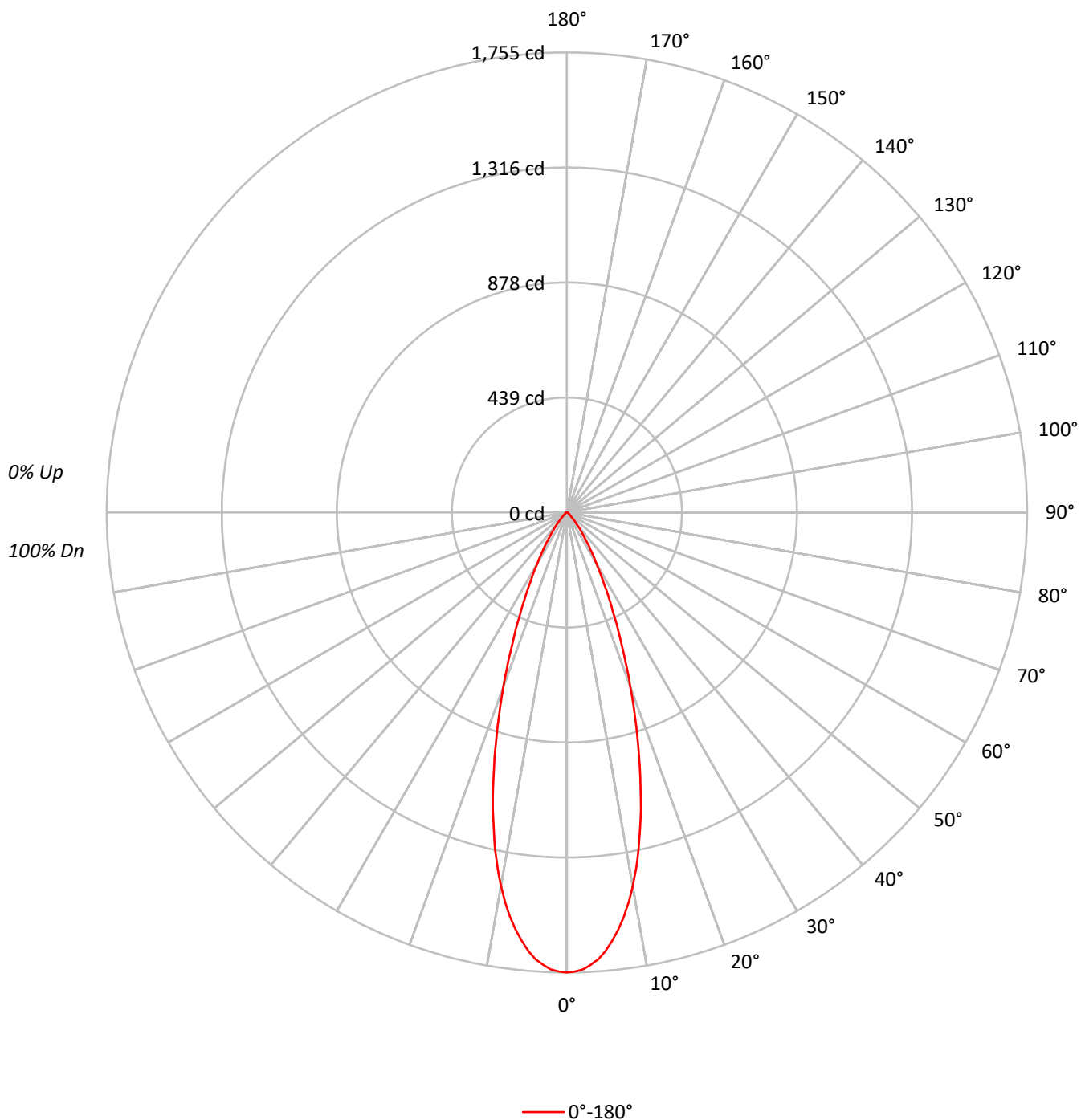
Lumens per Lamp: N/A
Luminaire Lumens: 763.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	384816
5°	369843
10°	322239
15°	246812
20°	165121
25°	99925
30°	57325
35°	32070
40°	17032
45°	8776
50°	4196
55°	3326
60°	3201
65°	2646
70°	2821
75°	2457
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.9	20.0
10°-20°	296.2	38.8
20°-30°	193.9	25.4
30°-40°	78.7	10.3
40°-50°	23.6	3.1
50°-60°	8.0	1.1
60°-70°	5.4	0.7
70°-80°	3.2	0.4
80°-90°	1.1	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°	643.1	84.3
0°-40°	721.7	94.6
0°-60°	753.4	98.7
0°-90°	763.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	763.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1755	
5°	1680	153
15°	1087	296
25°	413	194
35°	120	79
45°	28	24
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1754.9
1°	1752.0
2°	1744.1
3°	1728.1
4°	1709.2
5°	1680.2
6°	1643.9
7°	1603.3
8°	1557.5
9°	1505.3
10°	1447.2
11°	1382.6
12°	1315.1
13°	1239.6
14°	1167.8
15°	1087.2
17.5°	892.0
20°	707.6
22.5°	544.3
25°	413.0
27.5°	307.7
30°	226.4
32.5°	166.2
35°	119.8
37.5°	84.9
40°	59.5
42.5°	41.4
45°	28.3
47.5°	18.9
50°	12.3
52.5°	9.4
55°	8.7
57.5°	8.0
60°	7.3
62.5°	6.5
65°	5.1
67.5°	4.4
70°	4.4
72.5°	3.6
75°	2.9
77.5°	2.2
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)