

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: P1263437

Luminaire Tested: P3A20R359727D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263437
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: P3A20R359727D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

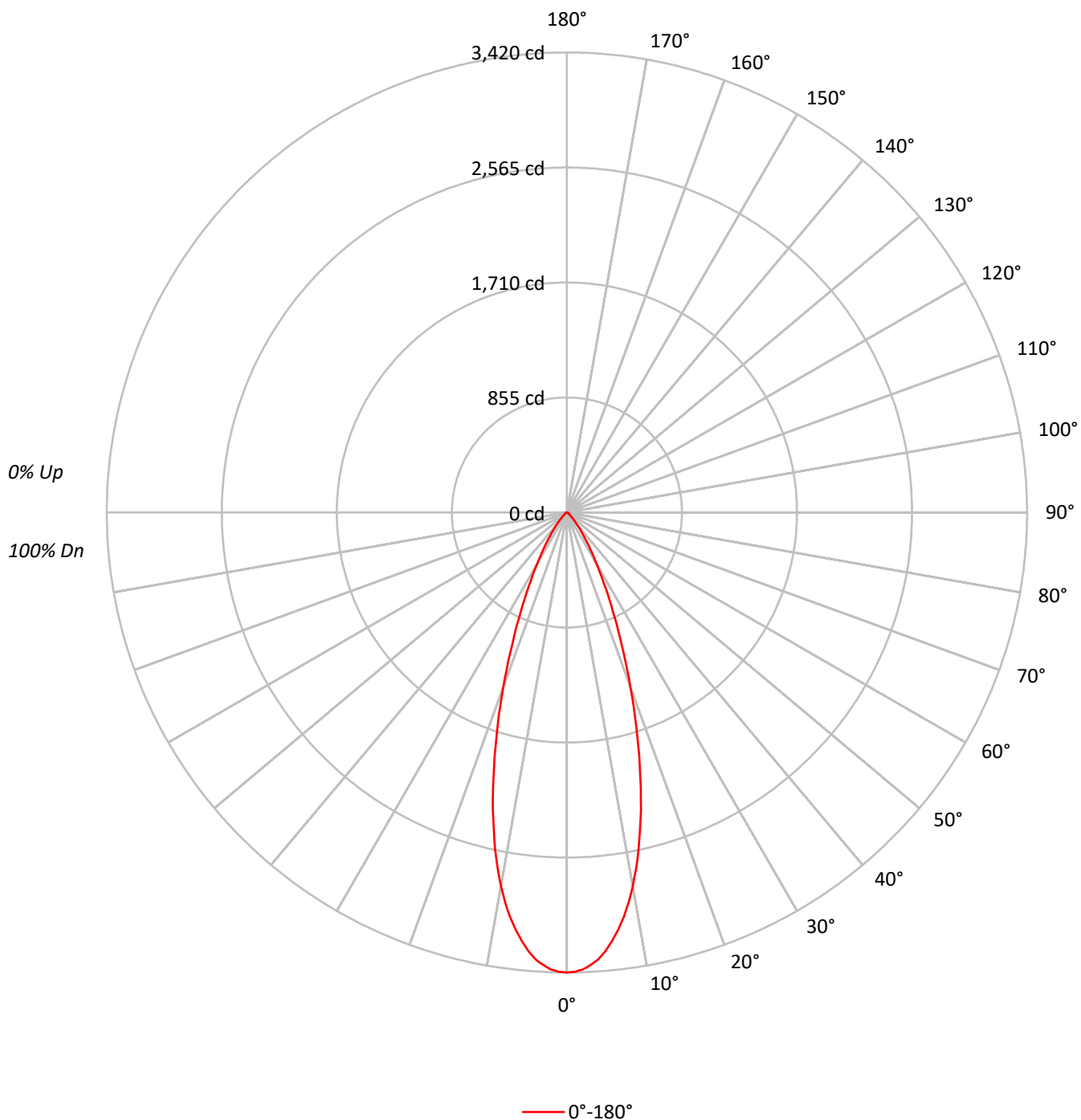
Lumens per Lamp: N/A
Luminaire Lumens: 1487.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	749984
5°	720777
10°	628000
15°	481024
20°	321818
25°	194721
30°	111739
35°	62479
40°	33205
45°	17118
50°	8187
55°	6499
60°	6184
65°	5137
70°	5450
75°	4829
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.9	20.0
10°-20°	577.4	38.8
20°-30°	378.0	25.4
30°-40°	153.3	10.3
40°-50°	46.0	3.1
50°-60°	15.6	1.1
60°-70°	10.5	0.7
70°-80°	6.2	0.4
80°-90°	2.1	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°	1253.3	84.3
0°-40°	1406.6	94.6
0°-60°	1468.2	98.7
0°-90°	1487.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1487.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3420	
5°	3274	298
15°	2119	577
25°	805	378
35°	233	153
45°	55	46
55°	17	16
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3420.2
1°	3414.5
2°	3399.0
3°	3367.8
4°	3331.1
5°	3274.5
6°	3203.8
7°	3124.6
8°	3035.4
9°	2933.6
10°	2820.4
11°	2694.6
12°	2563.0
13°	2415.9
14°	2275.9
15°	2118.9
17.5°	1738.4
20°	1379.1
22.5°	1060.8
25°	804.8
27.5°	599.7
30°	441.3
32.5°	323.9
35°	233.4
37.5°	165.5
40°	116.0
42.5°	80.6
45°	55.2
47.5°	36.8
50°	24.0
52.5°	18.4
55°	17.0
57.5°	15.6
60°	14.1
62.5°	12.7
65°	9.9
67.5°	8.5
70°	8.5
72.5°	7.1
75°	5.7
77.5°	4.2
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)