

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: P1263435

Luminaire Tested: P3A20R359727D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263435
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 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

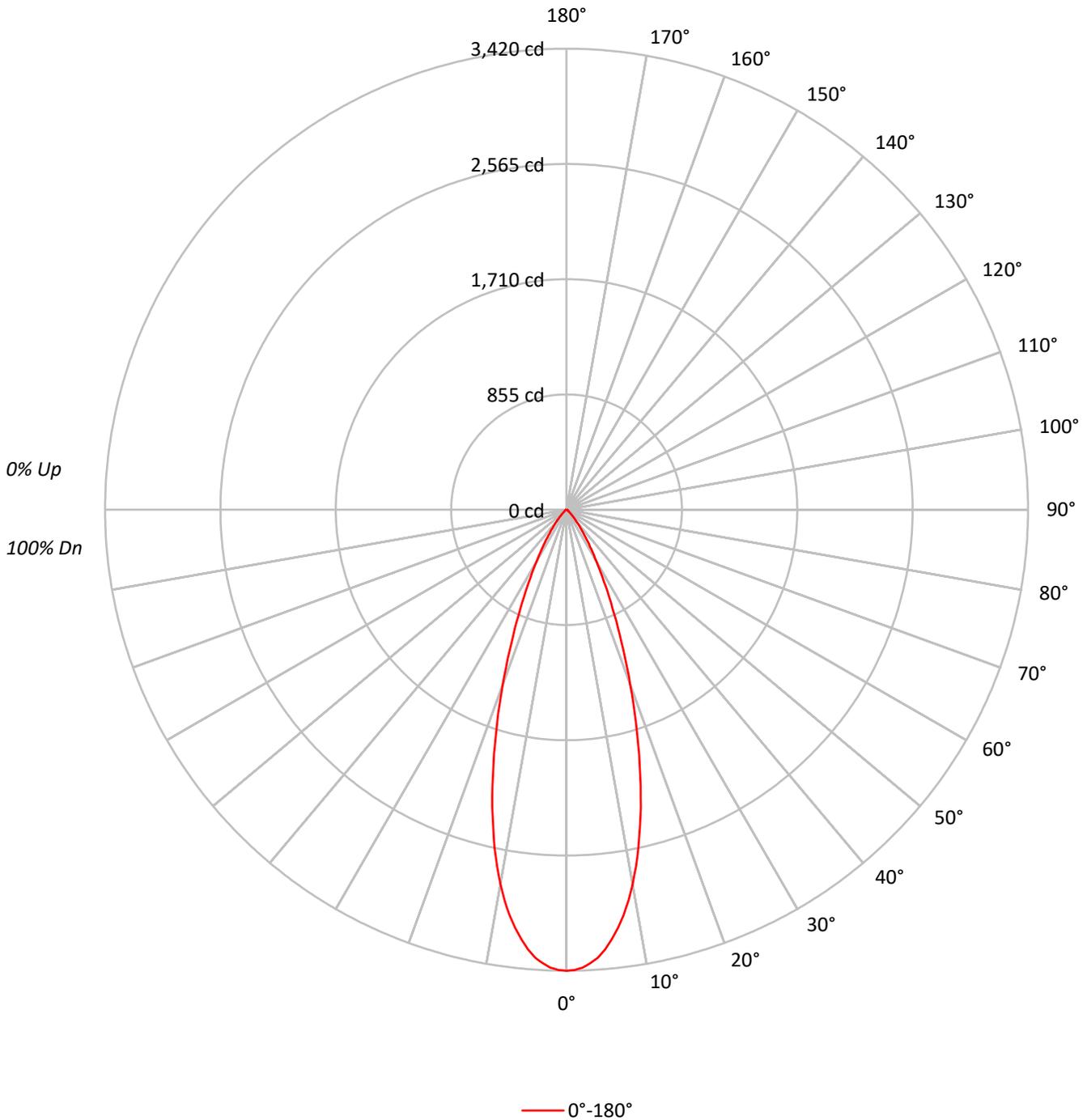
Summary

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

TEST NUMBER: P1263435
CATALOG NUMBER: P3A20R359727D010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1263435
 CATALOG NUMBER: P3A20R359727D010 E3DL1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	71	71	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	68	68	68	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	62	61

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



TEST NUMBER: P1263435
 CATALOG NUMBER: P3A20R359727D010 E3DL1MW

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	



TEST NUMBER: P1263435
CATALOG NUMBER: P3A20R359727D010 E3DL1MW

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



TEST NUMBER: P1263435
CATALOG NUMBER: P3A20R359727D010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)