

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: P1268145

Luminaire Tested: P3A20R259735D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268145
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259735D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

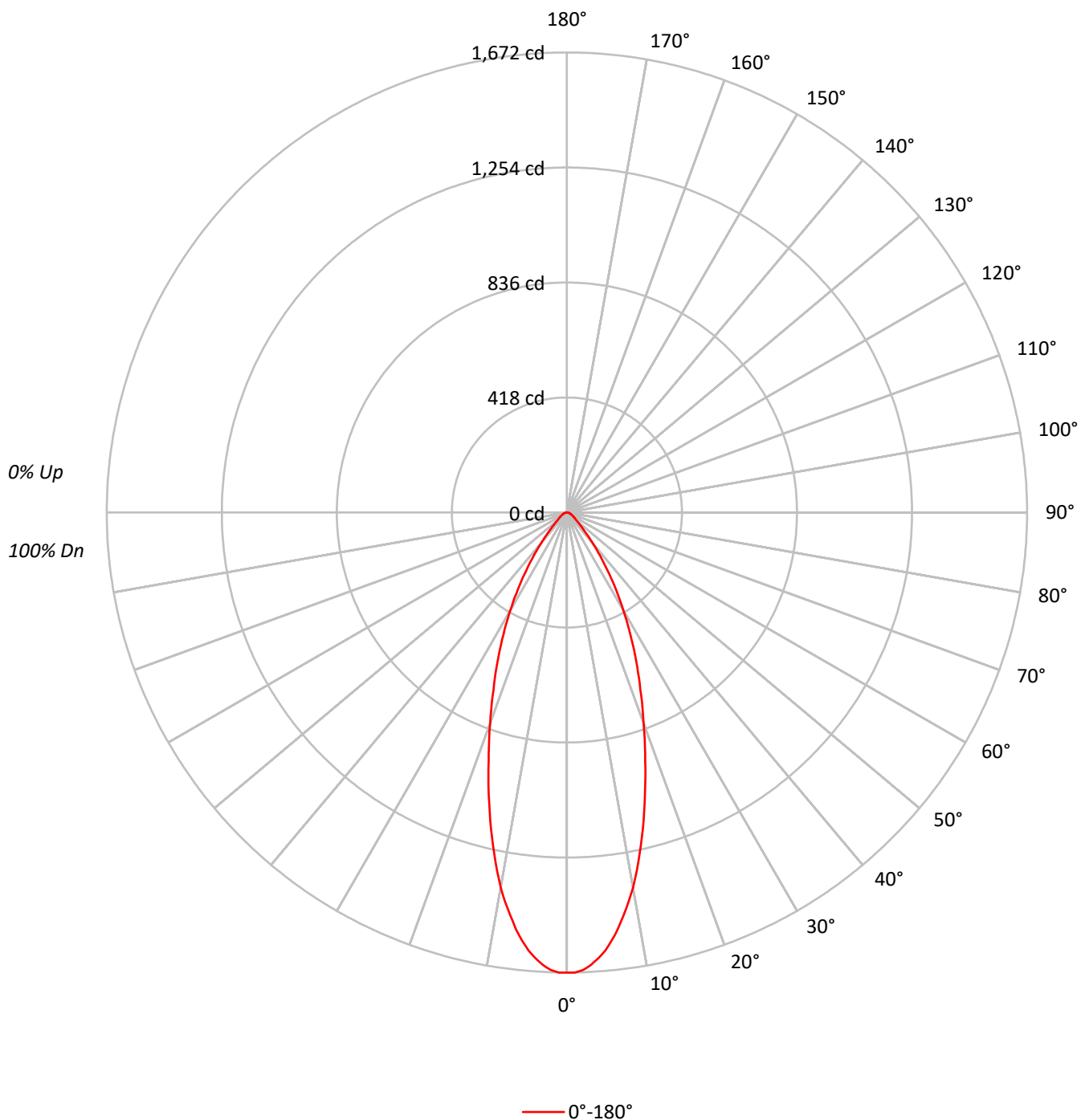
Lumens per Lamp: N/A
Luminaire Lumens: 1009.9 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268145

CATALOG NUMBER: P3A20R259735D010 E3DLP1MW

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	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°	366681
5°	351793
10°	308188
15°	247720
20°	190323
25°	144008
30°	104067
35°	69118
40°	41907
45°	24406
50°	15590
55°	12654
60°	11052
65°	9806
70°	8078
75°	7964
80°	5935
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24406 cd/sqm

TEST NUMBER: P1268145

CATALOG NUMBER: P3A20R259735D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.5	14.4
10°-20°	301.7	29.9
20°-30°	272.9	27.0
30°-40°	163.9	16.2
40°-50°	65.1	6.4
50°-60°	30.0	3.0
60°-70°	18.3	1.8
70°-80°	9.7	1.0
80°-90°	2.8	0.3
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°	720.1	71.3
0°-40°	884.0	87.5
0°-60°	979.1	97.0
0°-90°	1009.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1009.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1672	
5°	1598	145
15°	1091	302
25°	595	273
35°	258	164
45°	79	65
55°	33	30
65°	19	18
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1268145

CATALOG NUMBER: P3A20R259735D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1672.2
1°	1672.2
2°	1664.3
3°	1647.0
4°	1625.0
5°	1598.2
6°	1563.6
7°	1524.2
8°	1478.5
9°	1432.9
10°	1384.1
11°	1327.4
12°	1269.1
13°	1210.9
14°	1152.6
15°	1091.2
17.5°	946.3
20°	815.6
22.5°	697.5
25°	595.2
27.5°	499.1
30°	411.0
32.5°	330.7
35°	258.2
37.5°	196.8
40°	146.4
42.5°	107.1
45°	78.7
47.5°	59.8
50°	45.7
52.5°	37.8
55°	33.1
57.5°	28.3
60°	25.2
62.5°	20.5
65°	18.9
67.5°	15.7
70°	12.6
72.5°	11.0
75°	9.4
77.5°	7.9
80°	4.7
82.5°	3.1
85°	3.1
87.5°	1.6



TEST NUMBER: P1268145

CATALOG NUMBER: P3A20R259735D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)