

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: P1272681

Luminaire Tested: P3AS20R359827D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272681
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359827D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

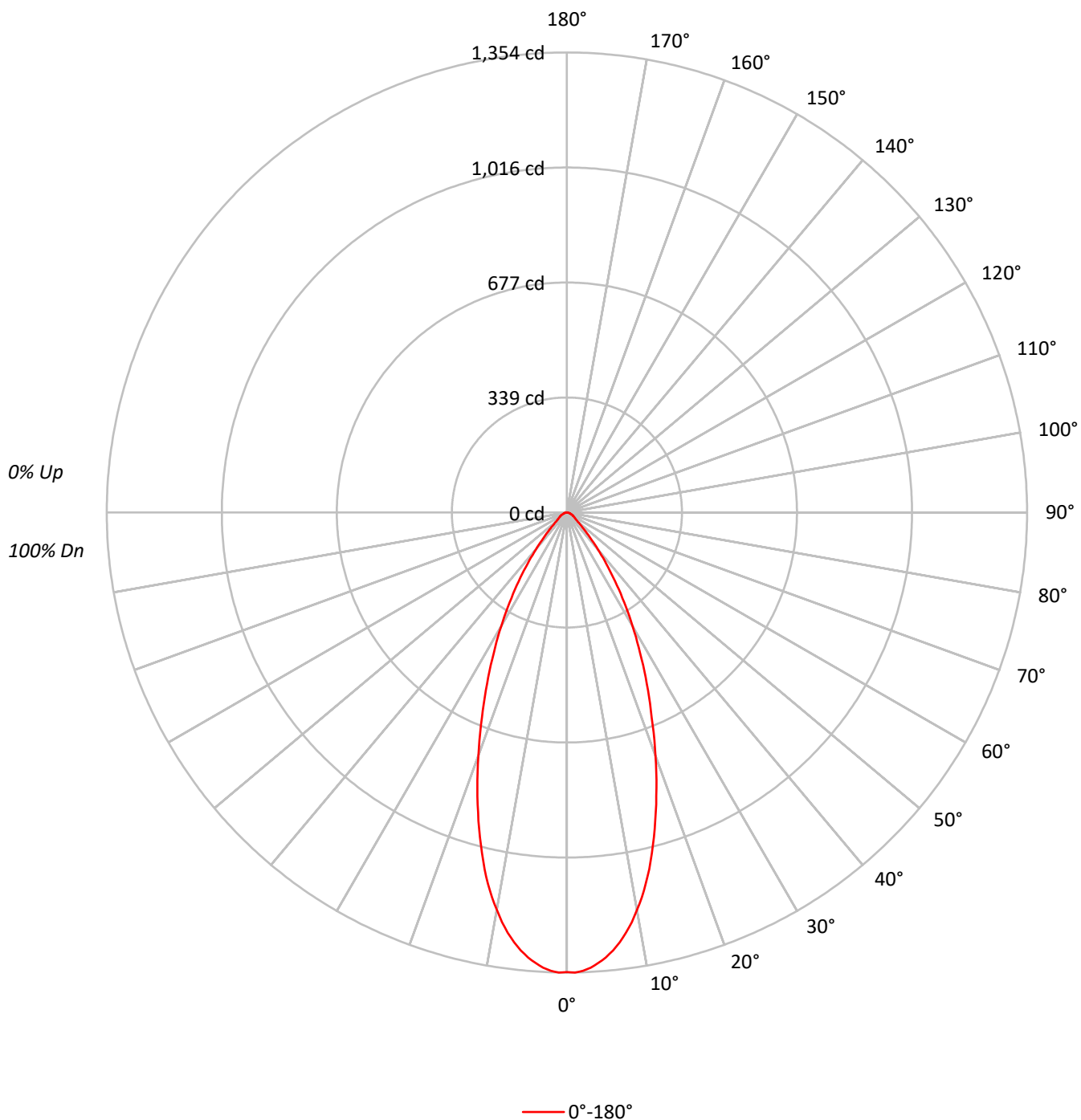
Lumens per Lamp: N/A
Luminaire Lumens: 923.0 lumens
Efficiency: N/A
Efficacy: 33.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1272681

CATALOG NUMBER: P3AS20R359827D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1272681

CATALOG NUMBER: P3AS20R359827D010 E3DLP1MW

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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	296687
5°	289368
10°	264546
15°	224542
20°	177745
25°	134451
30°	97888
35°	66200
40°	40676
45°	23351
50°	14055
55°	11393
60°	9955
65°	8873
70°	7309
75°	7202
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23351 cd/sqm

TEST NUMBER: P1272681

CATALOG NUMBER: P3AS20R359827D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.5	13.2
10°-20°	272.7	29.5
20°-30°	255.1	27.6
30°-40°	156.1	16.9
40°-50°	61.5	6.7
50°-60°	27.1	2.9
60°-70°	16.9	1.8
70°-80°	9.0	1.0
80°-90°	3.1	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°	649.3	70.3
0°-40°	805.4	87.3
0°-60°	894.0	96.9
0°-90°	923.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	923.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1353	
5°	1315	121
15°	989	273
25°	556	255
35°	247	156
45°	75	62
55°	30	27
65°	17	17
75°	8	9
85°	3	3
90°	0	

TEST NUMBER: P1272681

CATALOG NUMBER: P3AS20R359827D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1353.0
1°	1354.4
2°	1350.1
3°	1341.6
4°	1328.8
5°	1314.6
6°	1296.1
7°	1274.8
8°	1249.2
9°	1220.8
10°	1188.1
11°	1154.0
12°	1117.0
13°	1077.2
14°	1033.2
15°	989.1
17.5°	875.4
20°	761.7
22.5°	652.3
25°	555.7
27.5°	466.1
30°	386.6
32.5°	312.7
35°	247.3
37.5°	189.0
40°	142.1
42.5°	102.3
45°	75.3
47.5°	54.0
50°	41.2
52.5°	34.1
55°	29.8
57.5°	25.6
60°	22.7
62.5°	19.9
65°	17.1
67.5°	14.2
70°	11.4
72.5°	9.9
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.3
85°	2.8
87.5°	1.4



TEST NUMBER: P1272681

CATALOG NUMBER: P3AS20R359827D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)