

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: P1276994

Luminaire Tested: P3AS20R659835D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276994
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659835D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

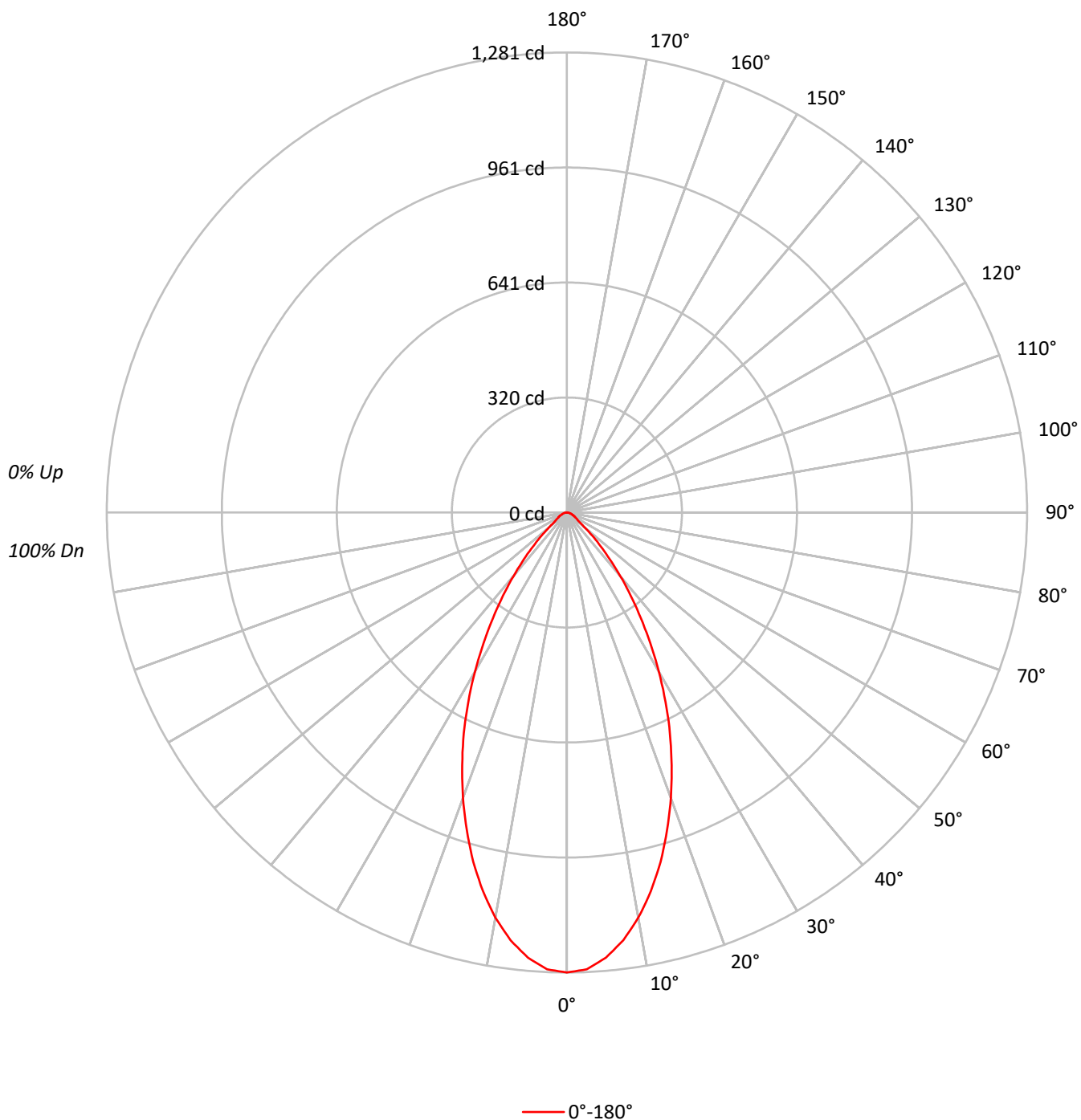
Lumens per Lamp: N/A
Luminaire Lumens: 1105.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276994

CATALOG NUMBER: P3AS20R659835D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276994

CATALOG NUMBER: P3AS20R659835D010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	280877
5°	273871
10°	255061
15°	228582
20°	197417
25°	164211
30°	129488
35°	95968
40°	66124
45°	40997
50°	22276
55°	13992
60°	11885
65°	10740
70°	9168
75°	8133
80°	8082
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40997 cd/sqm

TEST NUMBER: P1276994

CATALOG NUMBER: P3AS20R659835D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.6	10.5
10°-20°	279.8	25.3
20°-30°	309.4	28.0
30°-40°	224.7	20.3
40°-50°	105.3	9.5
50°-60°	35.4	3.2
60°-70°	20.5	1.9
70°-80°	10.7	1.0
80°-90°	3.5	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°	704.9	63.8
0°-40°	929.6	84.1
0°-60°	1070.3	96.9
0°-90°	1105.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1105.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1281	
5°	1244	116
15°	1007	280
25°	679	309
35°	358	225
45°	132	105
55°	37	35
65°	21	20
75°	10	11
85°	3	3
90°	0	

TEST NUMBER: P1276994

CATALOG NUMBER: P3AS20R659835D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1280.9
2.5°	1272.9
5°	1244.2
7.5°	1201.2
10°	1145.5
12.5°	1080.1
15°	1006.9
17.5°	927.2
20°	846.0
22.5°	761.5
25°	678.7
27.5°	594.2
30°	511.4
32.5°	431.7
35°	358.5
37.5°	291.5
40°	231.0
42.5°	176.8
45°	132.2
47.5°	95.6
50°	65.3
52.5°	44.6
55°	36.6
57.5°	31.9
60°	27.1
62.5°	23.9
65°	20.7
67.5°	17.5
70°	14.3
72.5°	12.7
75°	9.6
77.5°	8.0
80°	6.4
82.5°	4.8
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)