

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: P1272854

Luminaire Tested: P3AS20R659827D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272854
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: P3AS20R659827D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

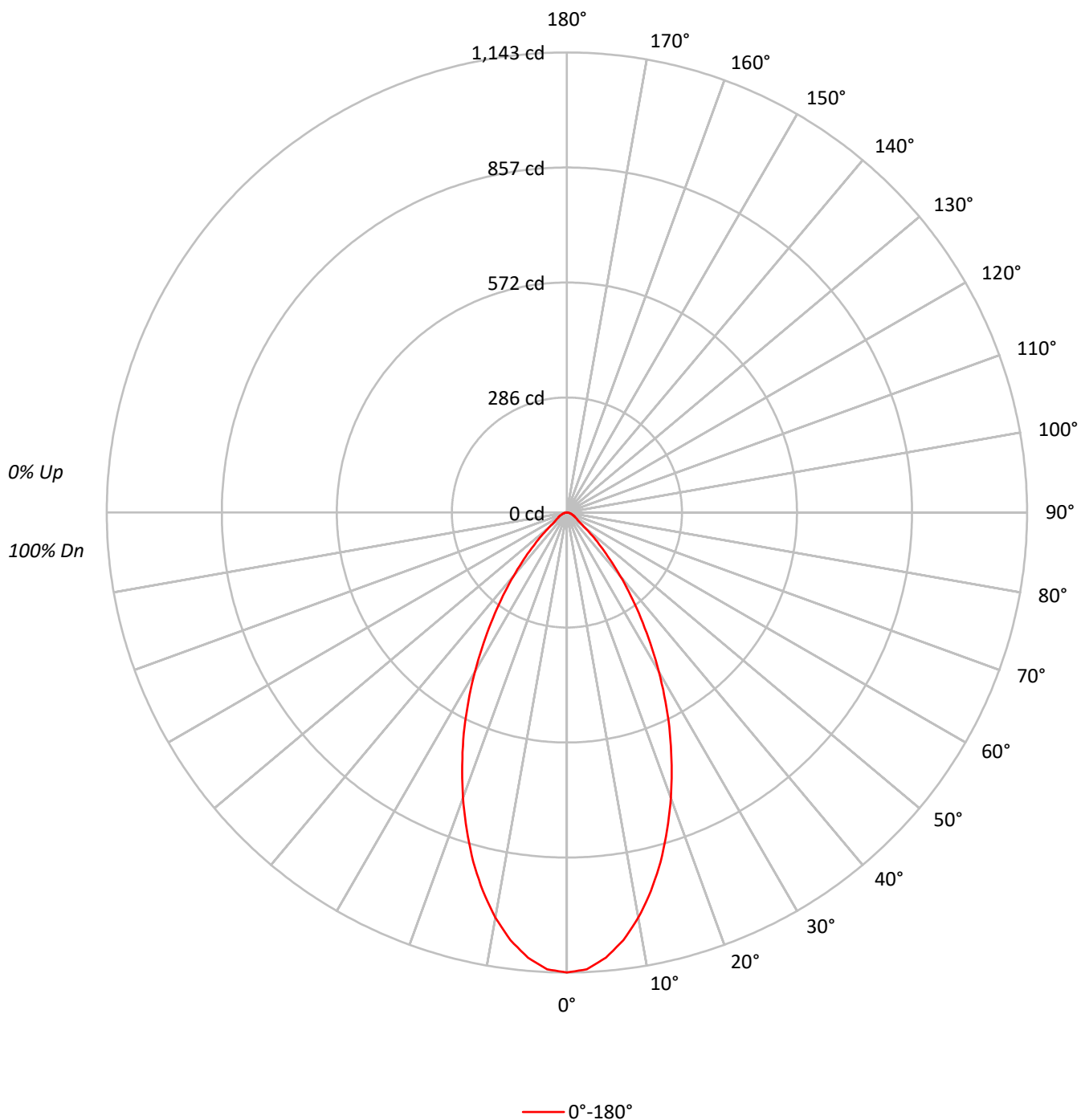
Lumens per Lamp: N/A
Luminaire Lumens: 986.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1272854

CATALOG NUMBER: P3AS20R659827D010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1272854

CATALOG NUMBER: P3AS20R659827D010 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°	250616
5°	244375
10°	227584
15°	203951
20°	176159
25°	146525
30°	115537
35°	85635
40°	58996
45°	36593
50°	19888
55°	12501
60°	10613
65°	9599
70°	8207
75°	7202
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36593 cd/sqm

TEST NUMBER: P1272854

CATALOG NUMBER: P3AS20R659827D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.2	10.5
10°-20°	249.7	25.3
20°-30°	276.1	28.0
30°-40°	200.5	20.3
40°-50°	94.0	9.5
50°-60°	31.6	3.2
60°-70°	18.3	1.9
70°-80°	9.6	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°	628.9	63.8
0°-40°	829.5	84.1
0°-60°	955.1	96.9
0°-90°	986.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	986.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1143	
5°	1110	103
15°	898	250
25°	606	276
35°	320	201
45°	118	94
55°	33	32
65°	18	18
75°	8	10
85°	3	3
90°	0	

TEST NUMBER: P1272854

CATALOG NUMBER: P3AS20R659827D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1142.9
2.5°	1135.8
5°	1110.2
7.5°	1071.9
10°	1022.1
12.5°	963.8
15°	898.4
17.5°	827.4
20°	754.9
22.5°	679.5
25°	605.6
27.5°	530.2
30°	456.3
32.5°	385.2
35°	319.9
37.5°	260.1
40°	206.1
42.5°	157.8
45°	118.0
47.5°	85.3
50°	58.3
52.5°	39.8
55°	32.7
57.5°	28.4
60°	24.2
62.5°	21.3
65°	18.5
67.5°	15.6
70°	12.8
72.5°	11.4
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.3
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)