

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: P1272356

Luminaire Tested: P3AS17R409827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

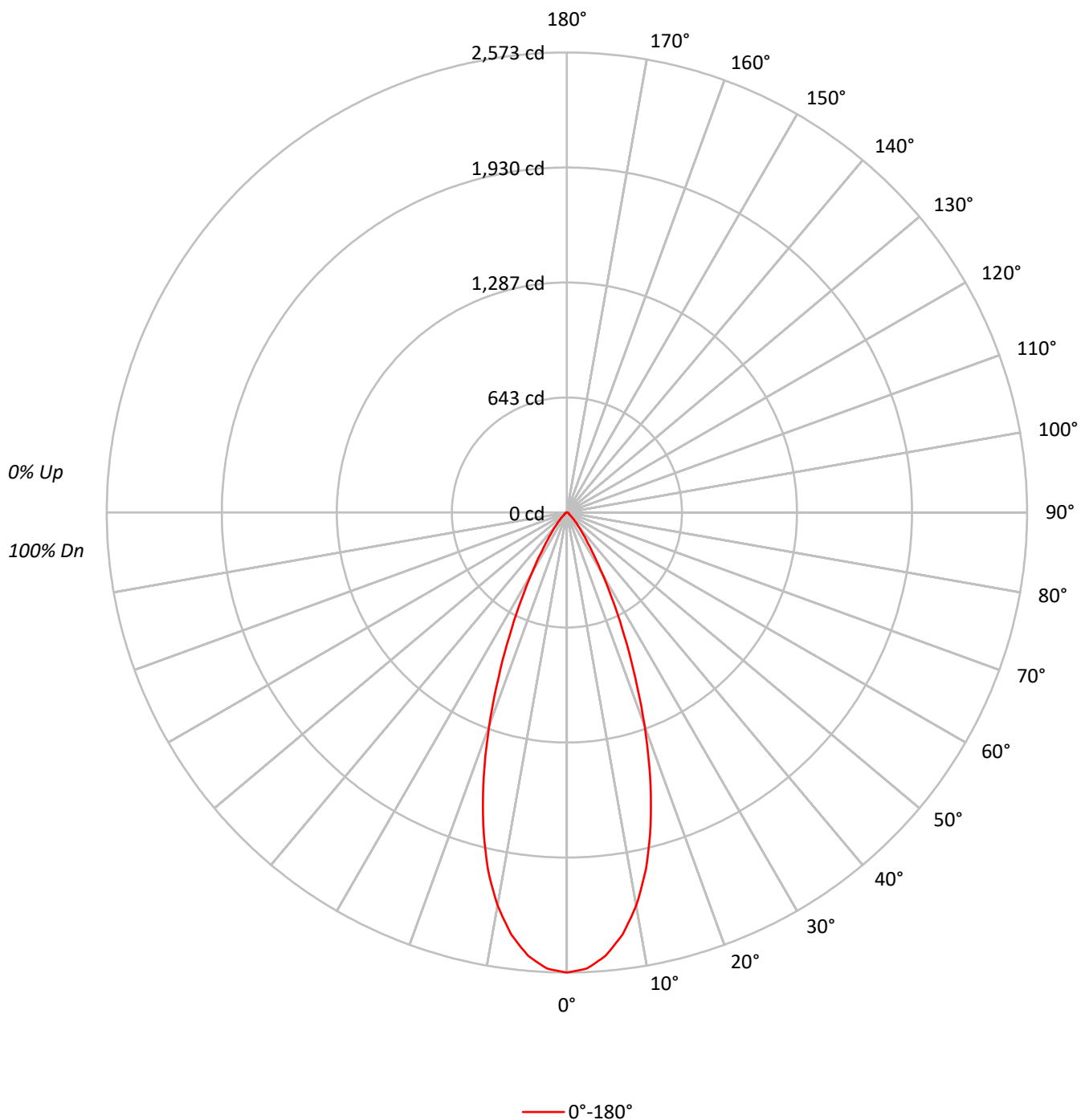
Lumens per Lamp: N/A
Luminaire Lumens: 1275.0 lumens
Efficiency: N/A
Efficacy: 62.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1272356

CATALOG NUMBER: P3AS17R409827DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1272356

CATALOG NUMBER: P3AS17R409827DE010 E3DL1MW

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	564187
5°	547786
10°	497096
15°	410672
20°	296242
25°	183228
30°	99205
35°	51263
40°	27881
45°	15599
50°	7846
55°	5849
60°	5263
65°	5085
70°	4937
75°	4660
80°	4167
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15599 cd/sqm

TEST NUMBER: P1272356

CATALOG NUMBER: P3AS17R409827DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.4	18.0
10°-20°	492.6	38.6
20°-30°	351.5	27.6
30°-40°	129.4	10.1
40°-50°	40.7	3.2
50°-60°	14.1	1.1
60°-70°	9.7	0.8
70°-80°	5.8	0.5
80°-90°	1.6	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°	1073.5	84.2
0°-40°	1202.9	94.3
0°-60°	1257.8	98.7
0°-90°	1275.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1275.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2573	
5°	2489	229
15°	1809	493
25°	757	352
35°	192	129
45°	50	41
55°	15	14
65°	10	10
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1272356

CATALOG NUMBER: P3AS17R409827DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	2572.9
2.5°	2553.2
5°	2488.6
7.5°	2381.3
10°	2232.5
12.5°	2043.2
15°	1809.0
17.5°	1546.3
20°	1269.5
22.5°	997.0
25°	757.3
27.5°	555.9
30°	391.8
32.5°	274.7
35°	191.5
37.5°	135.7
40°	97.4
42.5°	70.0
45°	50.3
47.5°	33.9
50°	23.0
52.5°	16.4
55°	15.3
57.5°	14.2
60°	12.0
62.5°	10.9
65°	9.8
67.5°	8.8
70°	7.7
72.5°	6.6
75°	5.5
77.5°	4.4
80°	3.3
82.5°	2.2
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)