

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: P1270990

Luminaire Tested: P3AS02R409827DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270990
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409827DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

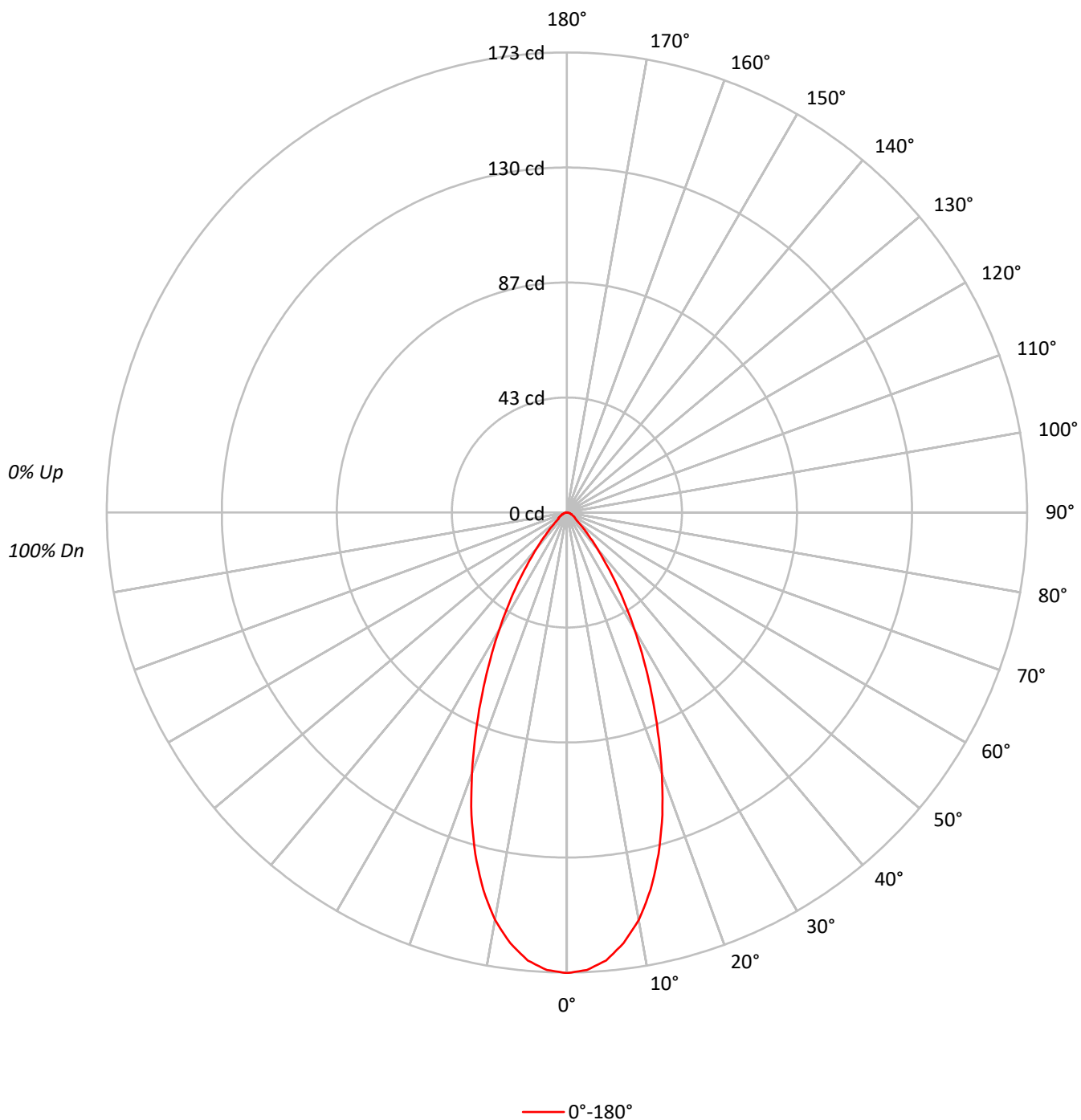
Lumens per Lamp: N/A
Luminaire Lumens: 122.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1270990

CATALOG NUMBER: P3AS02R409827DE010 E3DLP1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1270990

CATALOG NUMBER: P3AS02R409827DE010 E3DLP1WMH

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	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		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	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37979
5°	37222
10°	34646
15°	30193
20°	24339
25°	18243
30°	12837
35°	8406
40°	5095
45°	3039
50°	1808
55°	1453
60°	1316
65°	1141
70°	1090
75°	847
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3039 cd/sqm

TEST NUMBER: P1270990

CATALOG NUMBER: P3AS02R409827DE010 E3DLP1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	12.9
10°-20°	36.6	30.0
20°-30°	34.5	28.3
30°-40°	20.0	16.4
40°-50°	8.0	6.5
50°-60°	3.5	2.9
60°-70°	2.2	1.8
70°-80°	1.1	0.9
80°-90°	0.4	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°	86.9	71.2
0°-40°	106.9	87.6
0°-60°	118.3	97.0
0°-90°	122.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	122.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	173	
5°	169	16
15°	133	37
25°	75	35
35°	31	20
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1270990

CATALOG NUMBER: P3AS02R409827DE010 E3DLP1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	173.2
2.5°	172.2
5°	169.1
7.5°	163.3
10°	155.6
12.5°	145.3
15°	133.0
17.5°	119.3
20°	104.3
22.5°	89.4
25°	75.4
27.5°	62.5
30°	50.7
32.5°	40.4
35°	31.4
37.5°	23.8
40°	17.8
42.5°	13.3
45°	9.8
47.5°	7.1
50°	5.3
52.5°	4.3
55°	3.8
57.5°	3.5
60°	3.0
62.5°	2.5
65°	2.2
67.5°	1.8
70°	1.7
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)