

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: P1274782

Luminaire Tested: P3AS20R409830D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274782
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: P3AS20R409830D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

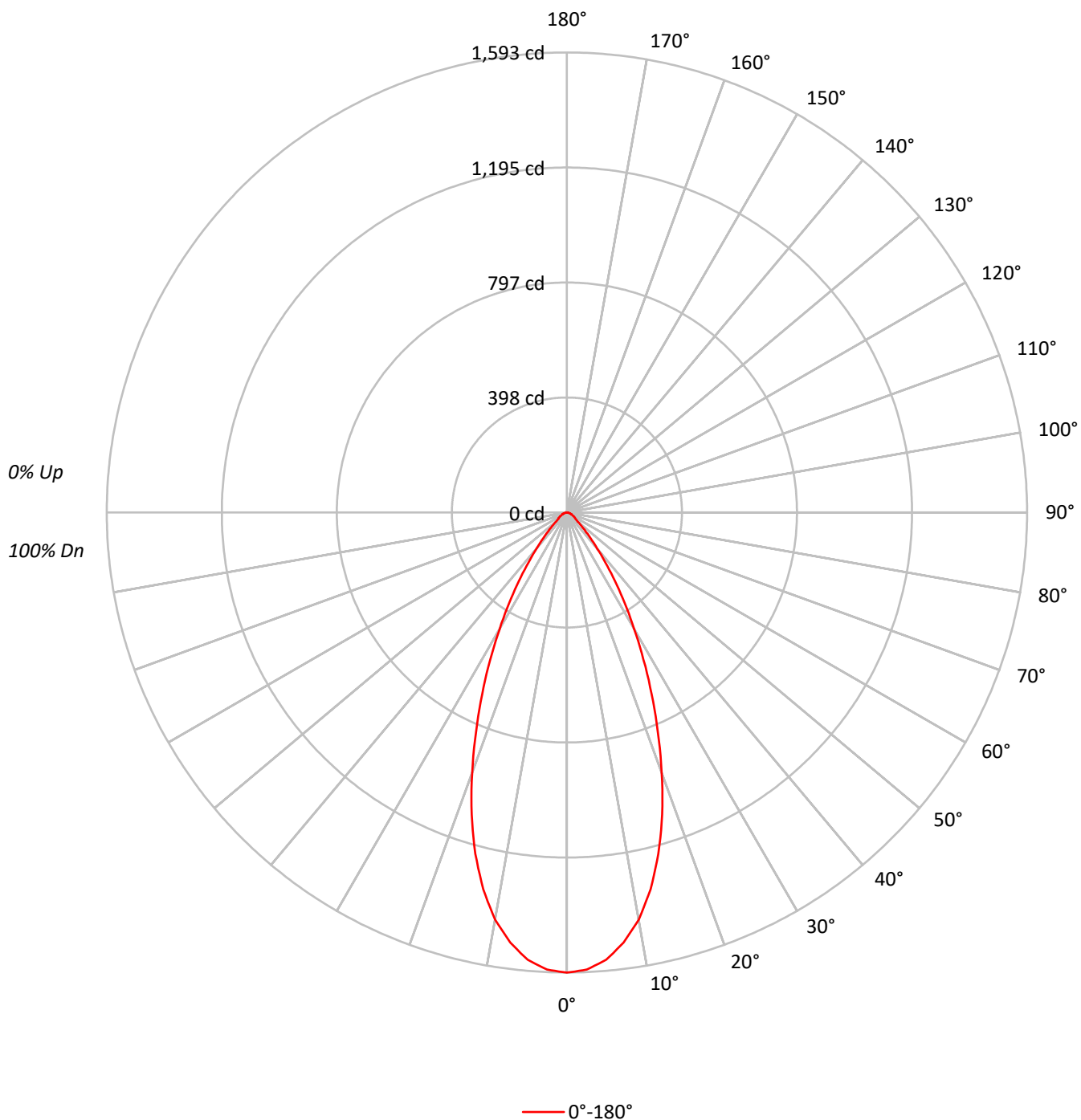
Lumens per Lamp: N/A
Luminaire Lumens: 1122.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1274782

CATALOG NUMBER: P3AS20R409830D010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1274782

CATALOG NUMBER: P3AS20R409830D010 E3DLP1LI

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	64	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°	349358
5°	342284
10°	318698
15°	277777
20°	223856
25°	167792
30°	117968
35°	77283
40°	46773
45°	27941
50°	16682
55°	13419
60°	12060
65°	10325
70°	9809
75°	7795
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27941 cd/sqm

TEST NUMBER: P1274782

CATALOG NUMBER: P3AS20R409830D010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.4	12.9
10°-20°	337.0	30.0
20°-30°	317.6	28.3
30°-40°	183.6	16.4
40°-50°	73.2	6.5
50°-60°	32.4	2.9
60°-70°	20.0	1.8
70°-80°	10.5	0.9
80°-90°	3.3	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°	799.0	71.2
0°-40°	982.6	87.6
0°-60°	1088.2	97.0
0°-90°	1122.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1122.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1593	
5°	1555	144
15°	1224	337
25°	694	318
35°	289	184
45°	90	73
55°	35	32
65°	20	20
75°	9	10
85°	3	3
90°	0	

TEST NUMBER: P1274782

CATALOG NUMBER: P3AS20R409830D010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1593.2
2.5°	1584.1
5°	1555.0
7.5°	1501.6
10°	1431.3
12.5°	1336.6
15°	1223.6
17.5°	1096.8
20°	959.3
22.5°	821.8
25°	693.5
27.5°	574.4
30°	465.9
32.5°	371.2
35°	288.7
37.5°	218.4
40°	163.4
42.5°	122.2
45°	90.1
47.5°	65.7
50°	48.9
52.5°	39.7
55°	35.1
57.5°	32.1
60°	27.5
62.5°	22.9
65°	19.9
67.5°	16.8
70°	15.3
72.5°	12.2
75°	9.2
77.5°	7.6
80°	6.1
82.5°	4.6
85°	3.1
87.5°	1.5
90°	0.0

(END OF REPORT)