

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: P1274144

Luminaire Tested: P3AS13R509830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274144
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

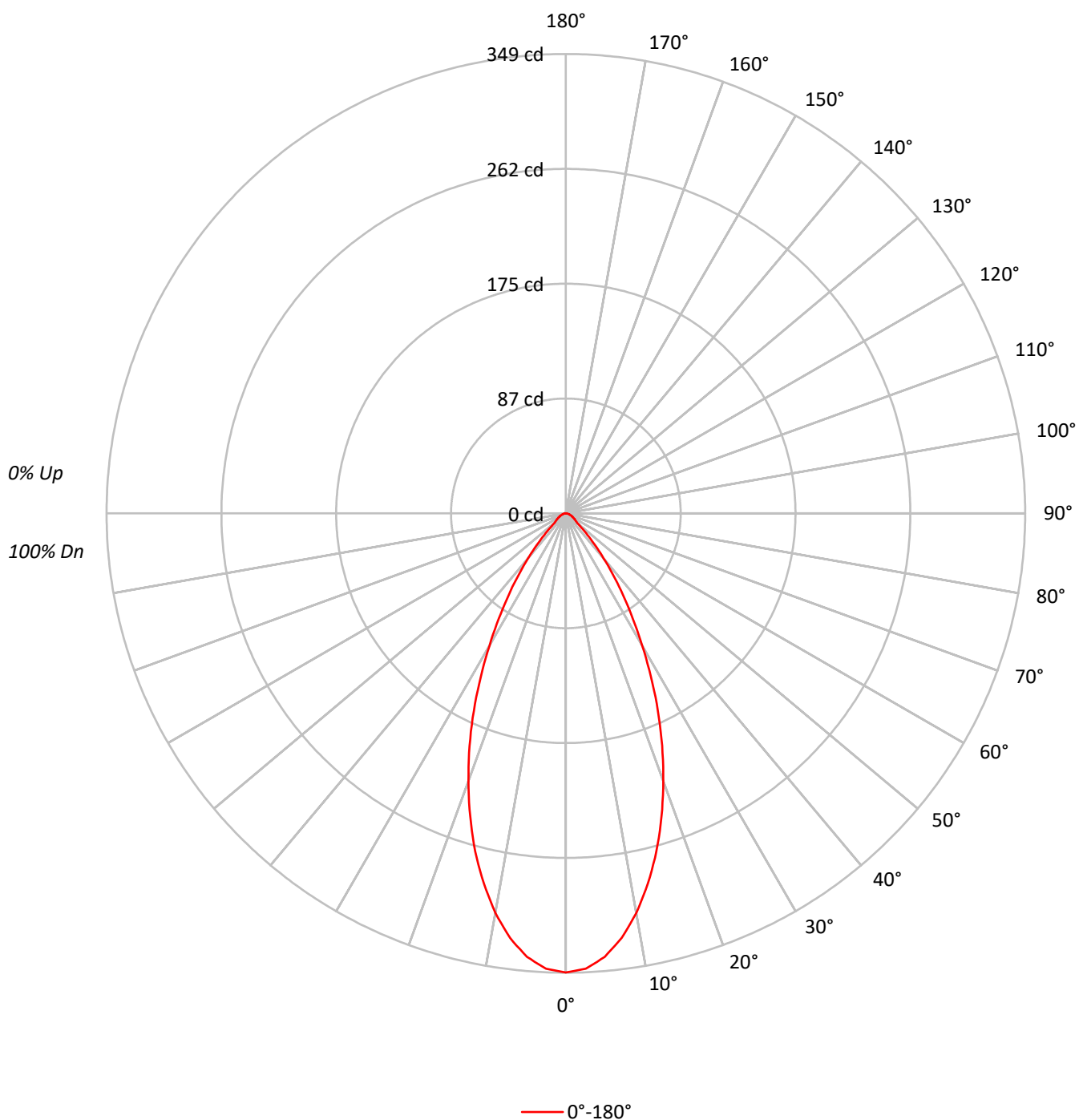
Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 18.1 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274144

CATALOG NUMBER: P3AS13R509830DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1274144

CATALOG NUMBER: P3AS13R509830DE010 E3DLP1GPH

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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		76
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76485
5°	74444
10°	68647
15°	60364
20°	50498
25°	40043
30°	29372
35°	20211
40°	12853
45°	7164
50°	3889
55°	3250
60°	2807
65°	2594
70°	2308
75°	2118
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7164 cd/sqm

TEST NUMBER: P1274144

CATALOG NUMBER: P3AS13R509830DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.3	11.9
10°-20°	73.6	28.0
20°-30°	75.3	28.6
30°-40°	47.8	18.2
40°-50°	19.0	7.2
50°-60°	7.7	2.9
60°-70°	4.9	1.9
70°-80°	2.5	1.0
80°-90°	0.8	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°	180.3	68.5
0°-40°	228.1	86.7
0°-60°	254.8	96.9
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	349	
5°	338	31
15°	266	74
25°	166	75
35°	76	48
45°	23	19
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1274144

CATALOG NUMBER: P3AS13R509830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	348.8
2.5°	346.3
5°	338.2
7.5°	325.3
10°	308.3
12.5°	288.0
15°	265.9
17.5°	241.7
20°	216.4
22.5°	191.1
25°	165.5
27.5°	139.9
30°	116.0
32.5°	94.7
35°	75.5
37.5°	59.1
40°	44.9
42.5°	33.1
45°	23.1
47.5°	15.7
50°	11.4
52.5°	9.6
55°	8.5
57.5°	7.5
60°	6.4
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.6
72.5°	2.8
75°	2.5
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)