

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: P1254864

Luminaire Tested: P3AS13R659035DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254864
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659035DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

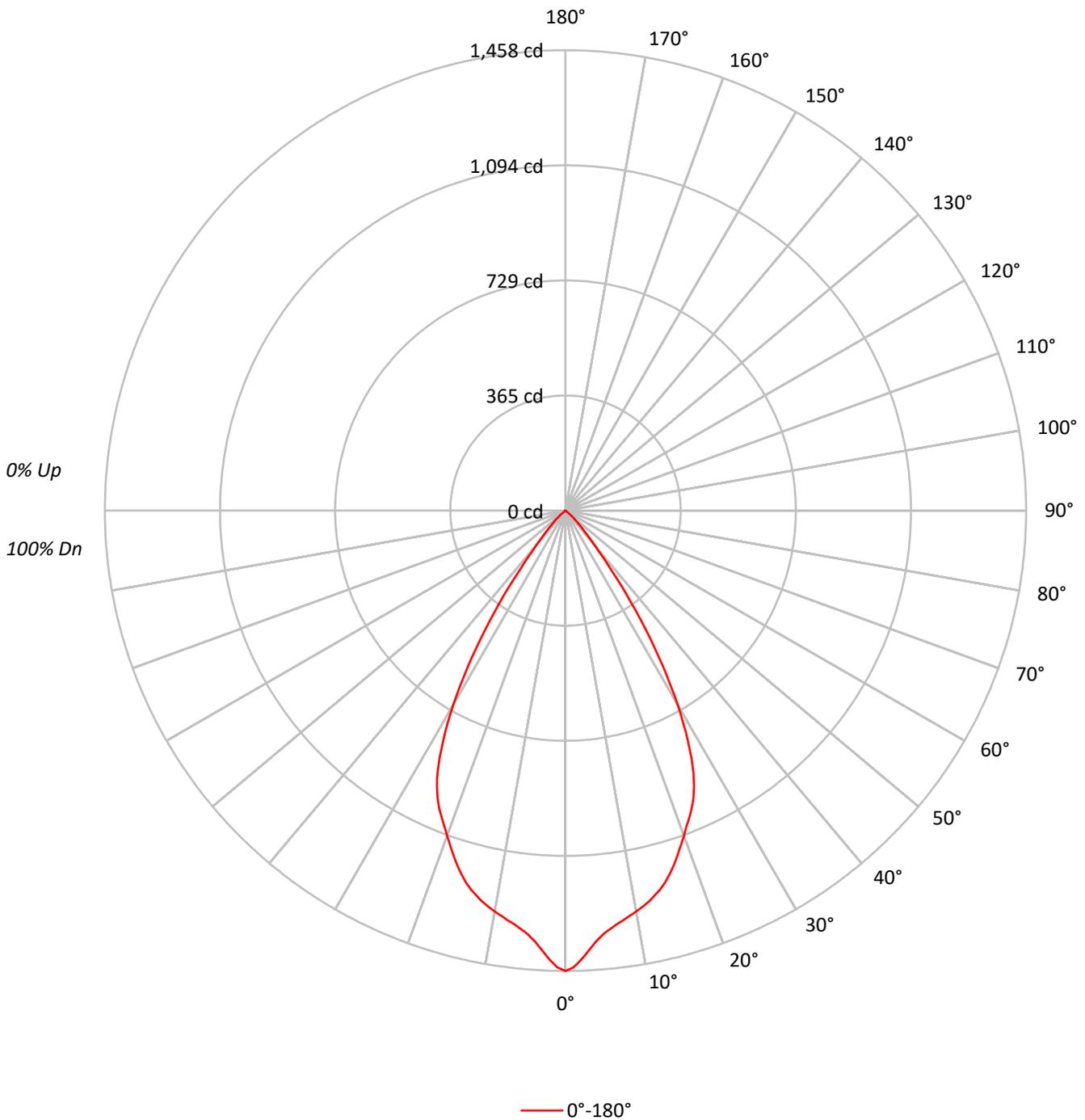
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1193.0 lumens
Efficiency: N/A
Efficacy: 81.7 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1254864
CATALOG NUMBER: P3AS13R659035DE010 E3D1LI

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77	77	77	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63	63	63	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	319667
5°	296830
10°	287035
15°	276619
20°	255732
25°	233022
30°	180028
35°	104346
40°	41420
45°	17645
50°	4196
55°	573
60°	439
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17645 cd/sqm



TEST NUMBER: P1254864

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	10.7
10°-20°	339.5	28.5
20°-30°	429.7	36.0
30°-40°	244.7	20.5
40°-50°	48.6	4.1
50°-60°	2.5	0.2
60°-70°	0.7	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	896.4	75.1
0°-40°	1141.1	95.6
0°-60°	1192.3	99.9
0°-90°	1193.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1193.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1458	
5°	1348	127
15°	1218	340
25°	963	430
35°	390	245
45°	57	49
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1254864

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1457.8
1°	1447.0
2°	1423.5
3°	1396.0
4°	1369.1
5°	1348.5
6°	1333.3
7°	1321.0
8°	1310.2
9°	1299.4
10°	1289.1
11°	1277.9
12°	1266.1
13°	1251.9
14°	1236.7
15°	1218.5
16°	1197.0
17°	1173.4
18°	1147.9
19°	1120.9
20°	1095.9
21°	1070.4
22°	1047.4
23°	1023.4
24°	995.4
25°	963.1
26°	924.3
27°	877.7
28°	825.3
29°	769.4
30°	711.0
31°	646.8
32°	583.0
32.5°	550.2
33°	518.3
34°	453.6
35°	389.8
36°	331.0
37°	272.6
37.5°	242.7
38°	218.7
39°	177.0
40°	144.7
42.5°	89.2
45°	56.9



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CATALOG NUMBER: P3AS13R659035DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	33.3
50°	12.3
52.5°	2.5
55°	1.5
57.5°	1.0
60°	1.0
62.5°	1.0
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)