

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: P1259895

Luminaire Tested: P3AS13R159050DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259895
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159050DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

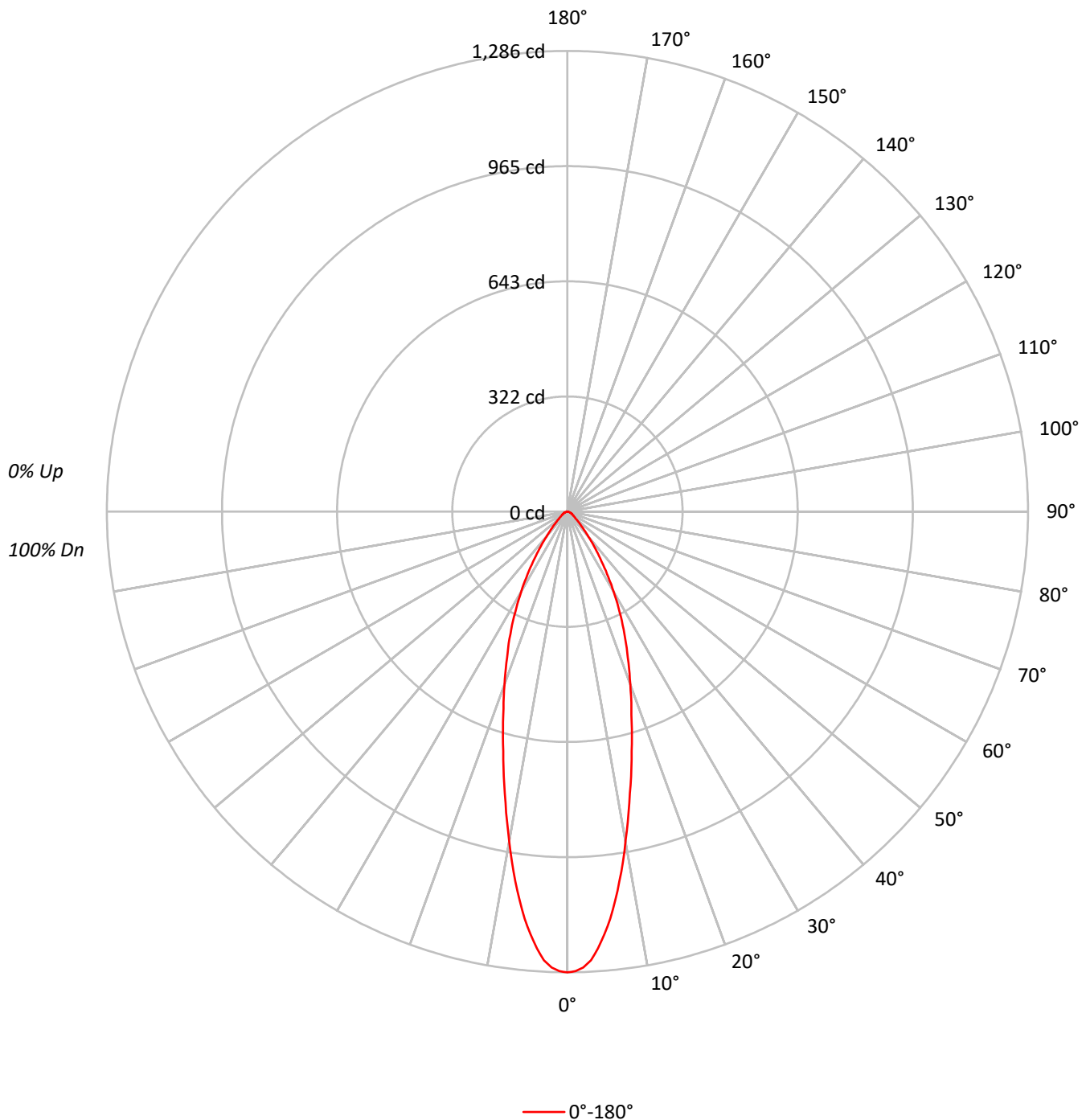
Lumens per Lamp: N/A
Luminaire Lumens: 654.0 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259895

CATALOG NUMBER: P3AS13R159050DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1259895

CATALOG NUMBER: P3AS13R159050DE010 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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	282017
5°	260664
10°	208101
15°	157186
20°	119710
25°	91215
30°	65352
35°	42643
40°	26135
45°	15816
50°	10507
55°	8105
60°	6973
65°	6071
70°	5450
75°	5422
80°	4041
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15816 cd/sqm

TEST NUMBER: P1259895

CATALOG NUMBER: P3AS13R159050DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.9	16.0
10°-20°	193.5	29.6
20°-30°	172.3	26.3
30°-40°	101.9	15.6
40°-50°	41.8	6.4
50°-60°	19.6	3.0
60°-70°	11.9	1.8
70°-80°	6.3	1.0
80°-90°	1.6	0.2
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°	470.7	72.0
0°-40°	572.7	87.6
0°-60°	634.2	97.0
0°-90°	654.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	654.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1286	
5°	1184	105
15°	692	194
25°	377	172
35°	159	102
45°	51	42
55°	21	20
65°	12	12
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1259895

CATALOG NUMBER: P3AS13R159050DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1286.1
1°	1282.9
2°	1273.4
3°	1254.3
4°	1222.4
5°	1184.2
6°	1142.7
7°	1093.9
8°	1042.9
9°	990.9
10°	934.6
12.5°	806.1
15°	692.4
17.5°	594.7
20°	513.0
22.5°	440.7
25°	377.0
27.5°	315.4
30°	258.1
32.5°	206.0
35°	159.3
37.5°	122.1
40°	91.3
42.5°	68.0
45°	51.0
47.5°	39.3
50°	30.8
52.5°	25.5
55°	21.2
57.5°	18.1
60°	15.9
62.5°	13.8
65°	11.7
67.5°	10.6
70°	8.5
72.5°	7.4
75°	6.4
77.5°	4.2
80°	3.2
82.5°	2.1
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)