

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: P1265218

Luminaire Tested: P3A13R559730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265218
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R559730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

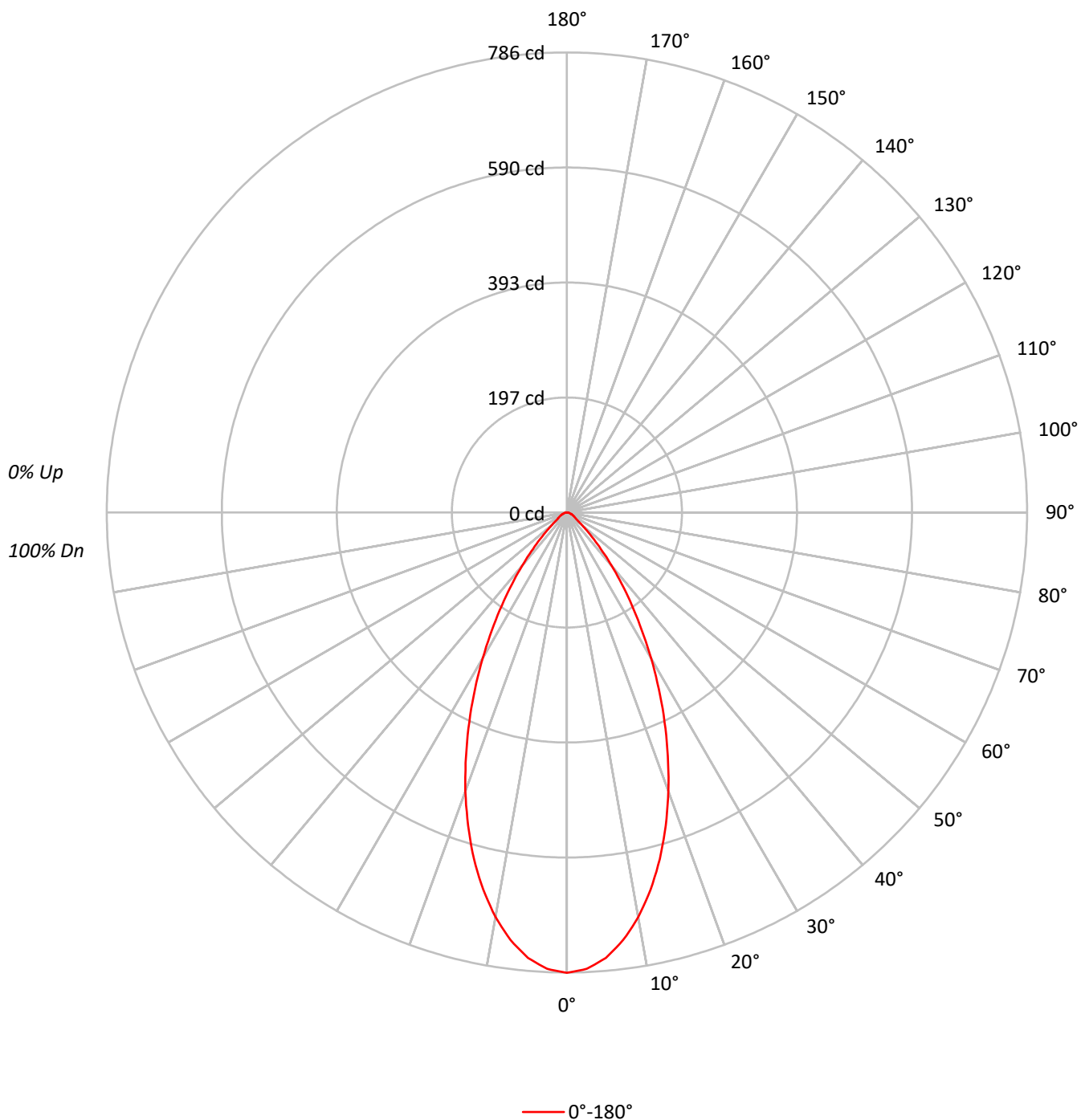
Lumens per Lamp: N/A
Luminaire Lumens: 634.0 lumens
Efficiency: N/A
Efficacy: 43.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265218

CATALOG NUMBER: P3A13R559730DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1265218

CATALOG NUMBER: P3A13R559730DE010 E3DLP1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92		
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79		
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55		
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52		
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172464
5°	168148
10°	156310
15°	139206
20°	118287
25°	95473
30°	72771
35°	51772
40°	34150
45°	20250
50°	11872
55°	7340
60°	6491
65°	5863
70°	5001
75°	4406
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20250 cd/sqm

TEST NUMBER: P1265218

CATALOG NUMBER: P3A13R559730DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.9	11.2
10°-20°	170.0	26.8
20°-30°	180.1	28.4
30°-40°	121.7	19.2
40°-50°	53.3	8.4
50°-60°	19.1	3.0
60°-70°	11.2	1.8
70°-80°	5.9	0.9
80°-90°	1.9	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°	421.0	66.4
0°-40°	542.6	85.6
0°-60°	615.0	97.0
0°-90°	634.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	634.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	786	
5°	764	71
15°	613	170
25°	395	180
35°	193	122
45°	65	53
55°	19	19
65°	11	11
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1265218

CATALOG NUMBER: P3A13R559730DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	786.5
2.5°	780.4
5°	763.9
7.5°	736.9
10°	702.0
12.5°	660.2
15°	613.2
17.5°	560.9
20°	506.9
22.5°	450.3
25°	394.6
27.5°	339.7
30°	287.4
32.5°	237.8
35°	193.4
37.5°	153.3
40°	119.3
42.5°	89.7
45°	65.3
47.5°	47.9
50°	34.8
52.5°	24.4
55°	19.2
57.5°	17.4
60°	14.8
62.5°	13.1
65°	11.3
67.5°	9.6
70°	7.8
72.5°	7.0
75°	5.2
77.5°	4.4
80°	3.5
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)