

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: P1269974

Luminaire Tested: P3A13R559740DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269974
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: P3A13R559740DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

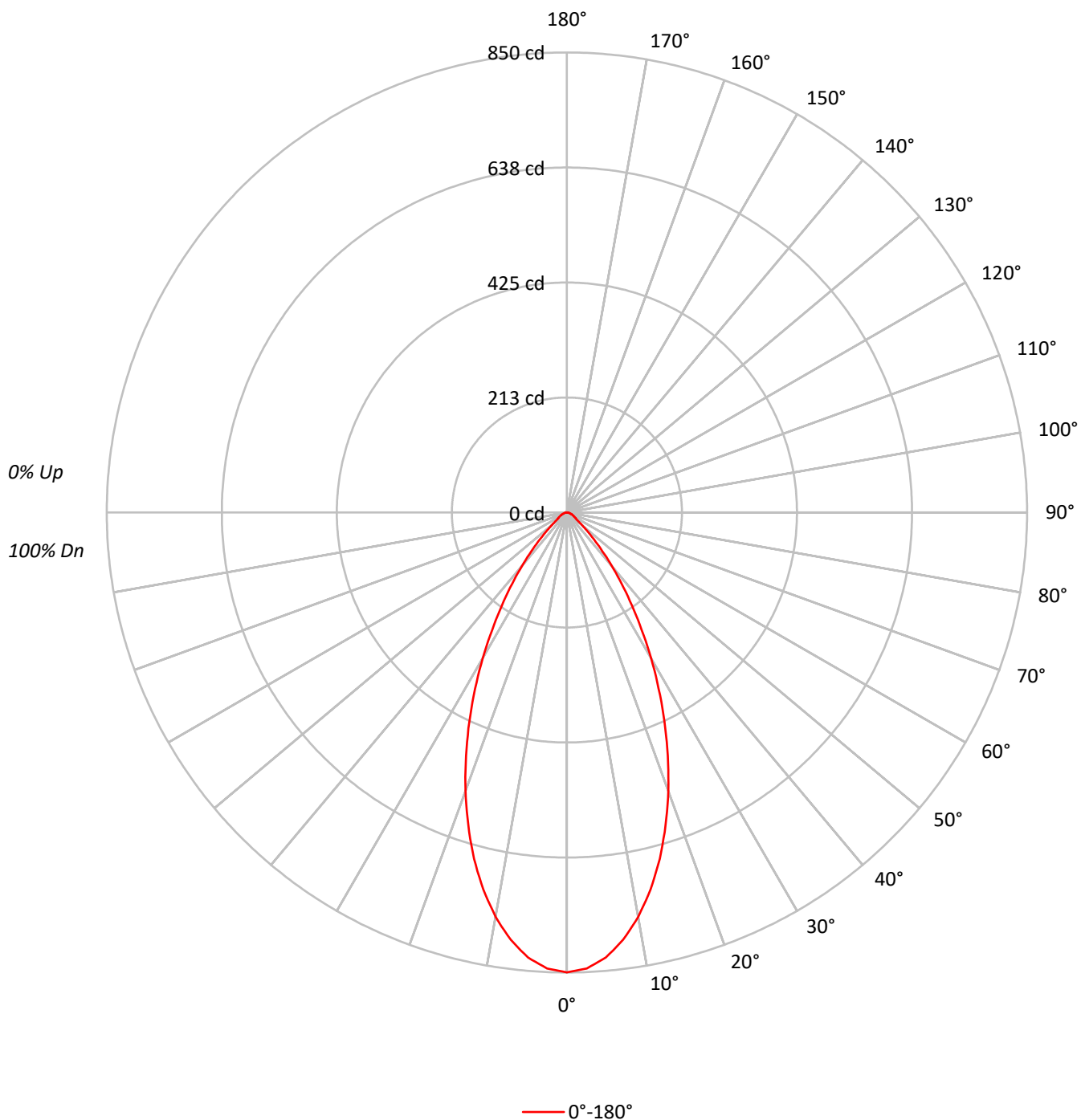
Lumens per Lamp: N/A
Luminaire Lumens: 684.9 lumens
Efficiency: N/A
Efficacy: 46.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269974

CATALOG NUMBER: P3A13R559740DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1269974

CATALOG NUMBER: P3A13R559740DE010 E3DLP1H

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°	186345
5°	181664
10°	168890
15°	150398
20°	127808
25°	103143
30°	78645
35°	55921
40°	36898
45°	21894
50°	12827
55°	7914
60°	7017
65°	6330
70°	5450
75°	4745
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21894 cd/sqm

TEST NUMBER: P1269974

CATALOG NUMBER: P3A13R559740DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.6	11.2
10°-20°	183.7	26.8
20°-30°	194.5	28.4
30°-40°	131.4	19.2
40°-50°	57.6	8.4
50°-60°	20.6	3.0
60°-70°	12.1	1.8
70°-80°	6.3	0.9
80°-90°	2.0	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°	454.8	66.4
0°-40°	586.3	85.6
0°-60°	664.5	97.0
0°-90°	684.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	684.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	850	
5°	825	77
15°	662	184
25°	426	195
35°	209	131
45°	71	58
55°	21	21
65°	12	12
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1269974

CATALOG NUMBER: P3A13R559740DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	849.8
2.5°	843.2
5°	825.3
7.5°	796.1
10°	758.5
12.5°	713.3
15°	662.5
17.5°	606.0
20°	547.7
22.5°	486.5
25°	426.3
27.5°	367.0
30°	310.6
32.5°	256.9
35°	208.9
37.5°	165.6
40°	128.9
42.5°	96.9
45°	70.6
47.5°	51.8
50°	37.6
52.5°	26.3
55°	20.7
57.5°	18.8
60°	16.0
62.5°	14.1
65°	12.2
67.5°	10.4
70°	8.5
72.5°	7.5
75°	5.6
77.5°	4.7
80°	3.8
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)