

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: P1270054

Luminaire Tested: P3AS13R709740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270054
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

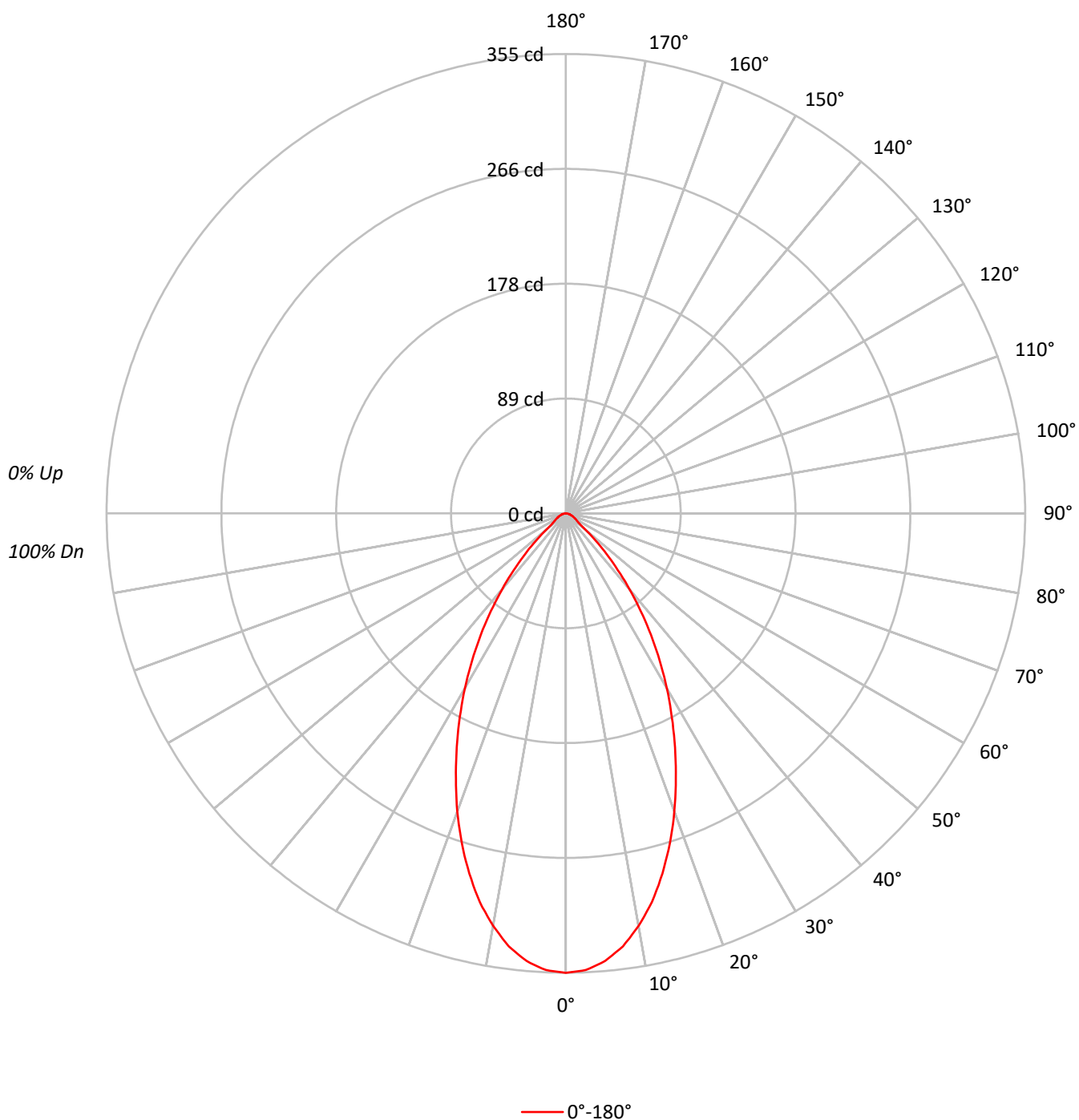
Lumens per Lamp: N/A
Luminaire Lumens: 332.0 lumens
Efficiency: N/A
Efficacy: 22.7 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1270054

CATALOG NUMBER: P3AS13R709740DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270054

CATALOG NUMBER: P3AS13R709740DE010 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	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77867
5°	76447
10°	72076
15°	65426
20°	57218
25°	48269
30°	39525
35°	30651
40°	21955
45°	13893
50°	6925
55°	4244
60°	3640
65°	3373
70°	2949
75°	2711
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13893 cd/sqm

TEST NUMBER: P1270054

CATALOG NUMBER: P3AS13R709740DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.4	9.8
10°-20°	80.2	24.2
20°-30°	91.3	27.5
30°-40°	71.4	21.5
40°-50°	35.1	10.6
50°-60°	10.8	3.3
60°-70°	6.4	1.9
70°-80°	3.4	1.0
80°-90°	1.0	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°	203.9	61.4
0°-40°	275.3	82.9
0°-60°	321.2	96.7
0°-90°	332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	332.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	355	
5°	347	32
15°	288	80
25°	200	91
35°	114	71
45°	45	35
55°	11	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1270054

CATALOG NUMBER: P3AS13R709740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	355.1
2.5°	353.3
5°	347.3
7.5°	337.6
10°	323.7
12.5°	307.6
15°	288.2
17.5°	267.4
20°	245.2
22.5°	222.1
25°	199.5
27.5°	177.3
30°	156.1
32.5°	134.8
35°	114.5
37.5°	95.1
40°	76.7
42.5°	59.6
45°	44.8
47.5°	31.4
50°	20.3
52.5°	13.4
55°	11.1
57.5°	9.7
60°	8.3
62.5°	7.4
65°	6.5
67.5°	5.5
70°	4.6
72.5°	3.7
75°	3.2
77.5°	2.8
80°	1.8
82.5°	1.4
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)