

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: P1257448

Luminaire Tested: P3AS13R409040DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257448
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409040DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

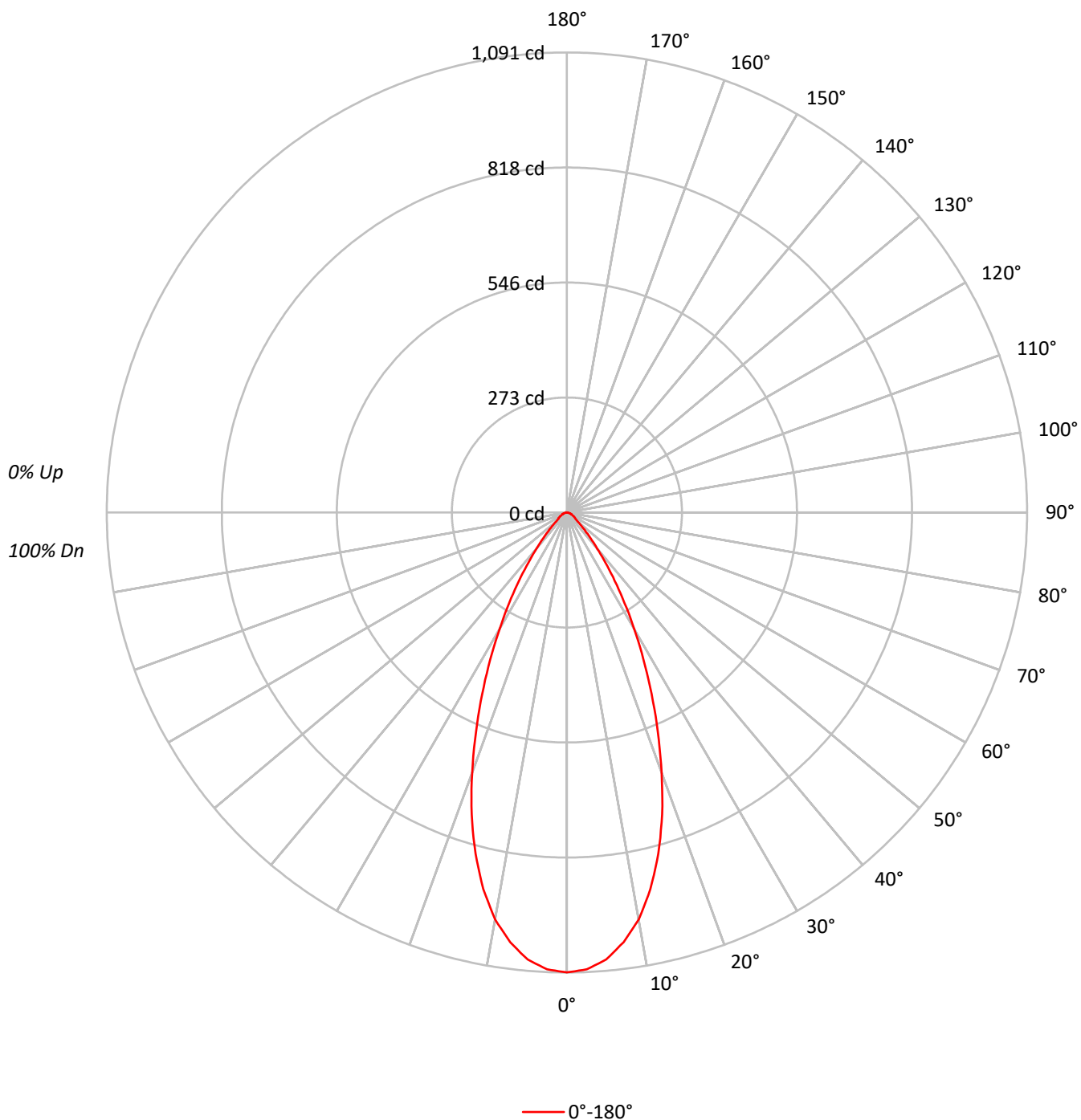
Lumens per Lamp: N/A
Luminaire Lumens: 768.0 lumens
Efficiency: N/A
Efficacy: 52.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257448

CATALOG NUMBER: P3AS13R409040DE010 E3DLP1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1257448

CATALOG NUMBER: P3AS13R409040DE010 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	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	63	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	239148
5°	234294
10°	218143
15°	190126
20°	153220
25°	114853
30°	80747
35°	52896
40°	32031
45°	19134
50°	11428
55°	9175
60°	8245
65°	7057
70°	6732
75°	5338
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19134 cd/sqm

TEST NUMBER: P1257448

CATALOG NUMBER: P3AS13R409040DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.8	12.9
10°-20°	230.7	30.0
20°-30°	217.4	28.3
30°-40°	125.7	16.4
40°-50°	50.1	6.5
50°-60°	22.2	2.9
60°-70°	13.7	1.8
70°-80°	7.2	0.9
80°-90°	2.3	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°	546.9	71.2
0°-40°	672.6	87.6
0°-60°	744.9	97.0
0°-90°	768.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	768.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1091	
5°	1064	99
15°	838	231
25°	475	217
35°	198	126
45°	62	50
55°	24	22
65°	14	14
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1257448

CATALOG NUMBER: P3AS13R409040DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1090.6
2.5°	1084.3
5°	1064.4
7.5°	1027.8
10°	979.7
12.5°	914.9
15°	837.5
17.5°	750.7
20°	656.6
22.5°	562.5
25°	474.7
27.5°	393.1
30°	318.9
32.5°	254.1
35°	197.6
37.5°	149.5
40°	111.9
42.5°	83.6
45°	61.7
47.5°	45.0
50°	33.5
52.5°	27.2
55°	24.0
57.5°	22.0
60°	18.8
62.5°	15.7
65°	13.6
67.5°	11.5
70°	10.5
72.5°	8.4
75°	6.3
77.5°	5.2
80°	4.2
82.5°	3.1
85°	2.1
87.5°	1.0
90°	0.0

(END OF REPORT)