

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: P1260120

Luminaire Tested: P3AS13R559050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

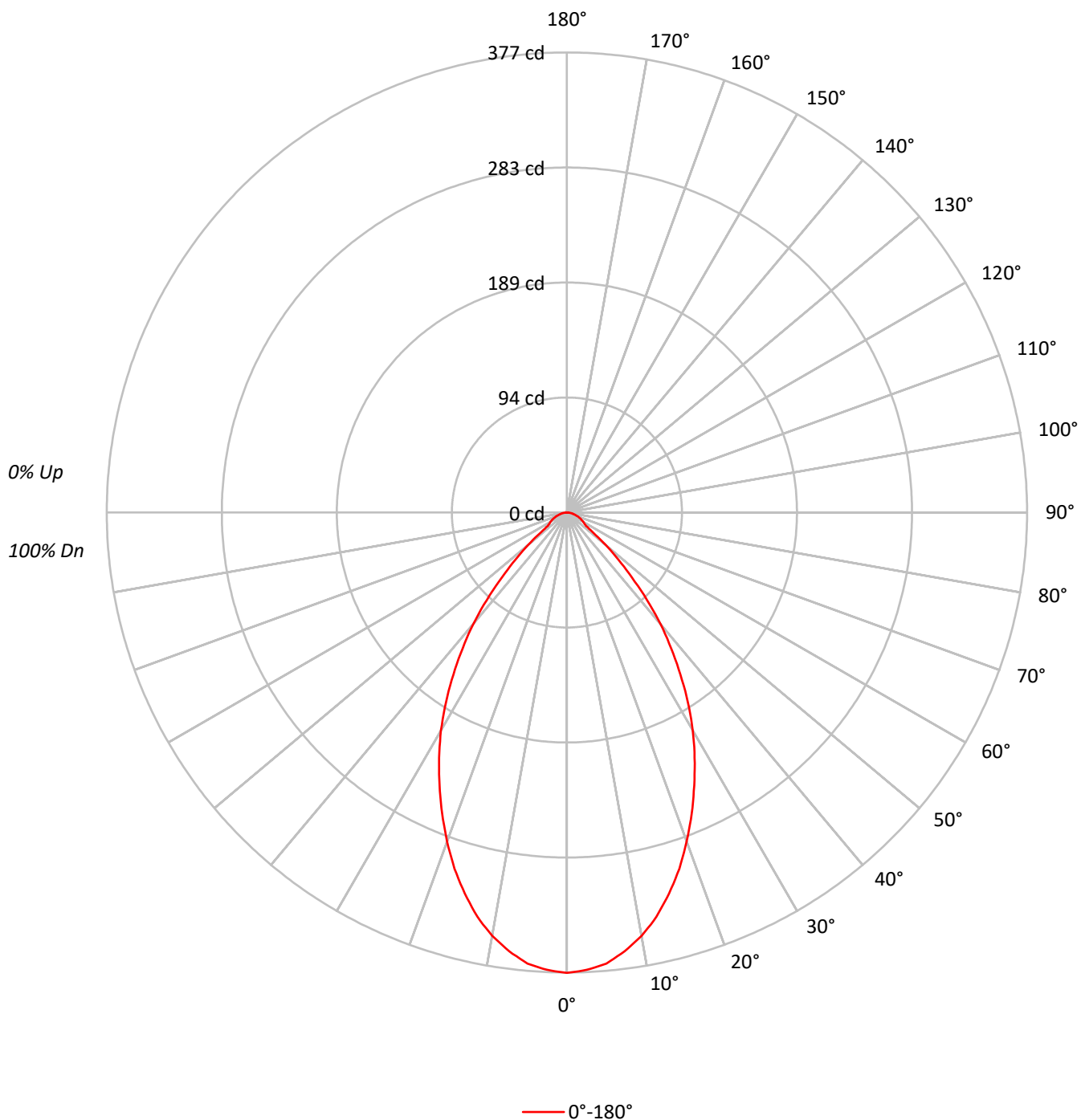
Lumens per Lamp: N/A
Luminaire Lumens: 440.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82735
5°	81664
10°	78444
15°	73372
20°	66949
25°	59713
30°	52236
35°	43393
40°	34207
45°	23196
50°	14191
55°	7340
60°	6842
65°	6486
70°	6027
75°	5253
80°	5304
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23196 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.8	7.9
10°-20°	90.3	20.5
20°-30°	113.1	25.7
30°-40°	101.0	23.0
40°-50°	59.1	13.4
50°-60°	20.4	4.6
60°-70°	12.3	2.8
70°-80°	6.9	1.6
80°-90°	2.0	0.5
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°	238.3	54.2
0°-40°	339.2	77.1
0°-60°	418.8	95.2
0°-90°	440.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	440.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	377	
5°	371	35
15°	323	90
25°	247	113
35°	162	101
45°	75	59
55°	19	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	377.3
2.5°	375.2
5°	371.0
7.5°	362.7
10°	352.3
12.5°	339.3
15°	323.2
17.5°	306.1
20°	286.9
22.5°	267.1
25°	246.8
27.5°	226.6
30°	206.3
32.5°	184.5
35°	162.1
37.5°	140.3
40°	119.5
42.5°	97.2
45°	74.8
47.5°	57.2
50°	41.6
52.5°	27.0
55°	19.2
57.5°	17.1
60°	15.6
62.5°	14.0
65°	12.5
67.5°	10.9
70°	9.4
72.5°	7.8
75°	6.2
77.5°	5.2
80°	4.2
82.5°	2.6
85°	1.6
87.5°	1.0
90°	0.0

(END OF REPORT)