

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: P1287271

Luminaire Tested: P3AS13R559030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287271
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

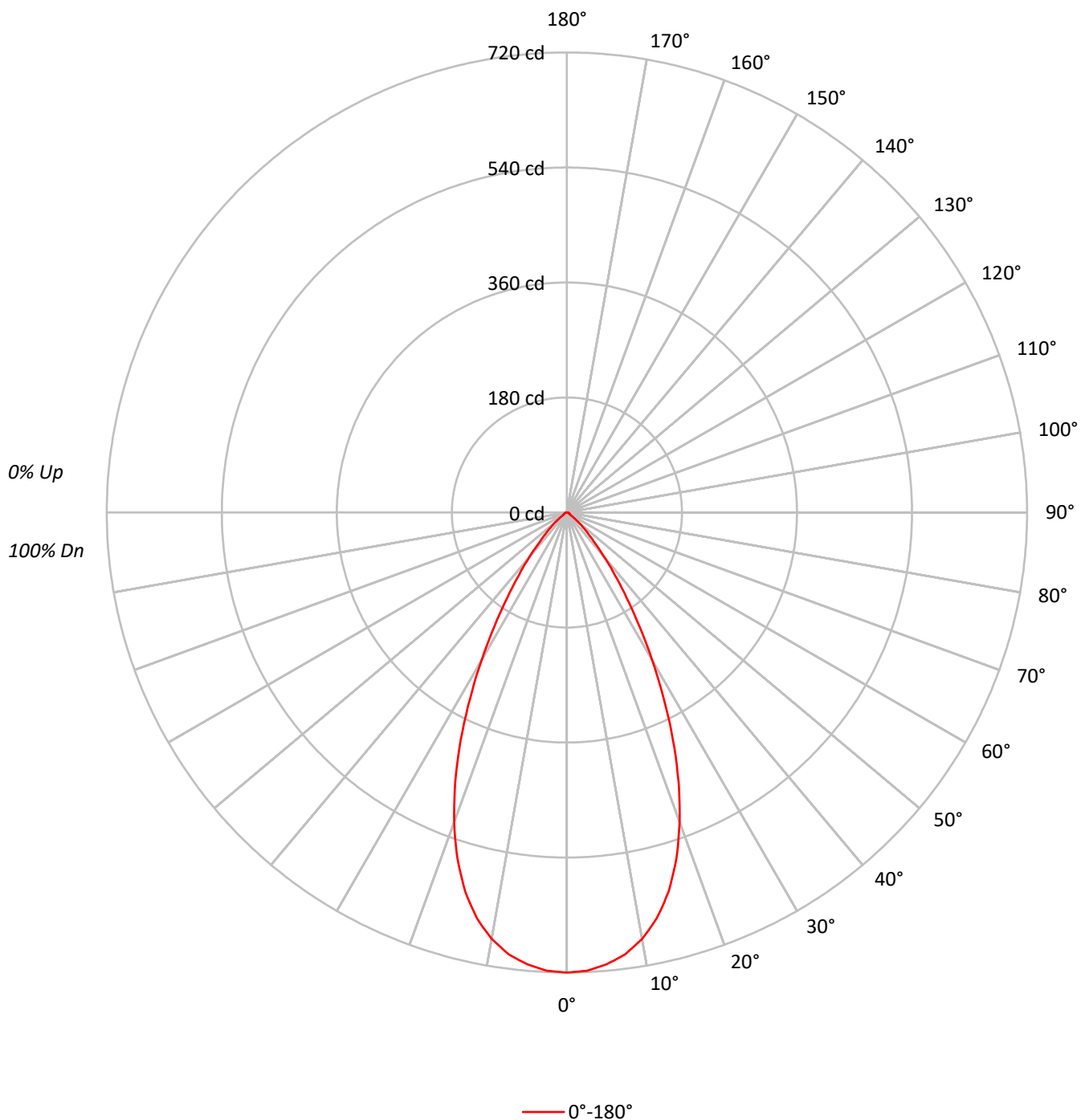
Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157882
5°	156284
10°	150921
15°	139501
20°	120387
25°	95086
30°	67453
35°	43500
40°	26135
45°	14730
50°	7914
55°	2829
60°	2544
65°	2439
70°	2372
75°	2203
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14730 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.8	11.6
10°-20°	169.9	29.6
20°-30°	178.1	31.0
30°-40°	103.9	18.1
40°-50°	38.9	6.8
50°-60°	9.1	1.6
60°-70°	4.7	0.8
70°-80°	2.8	0.5
80°-90°	0.8	0.1
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°	414.8	72.1
0°-40°	518.7	90.2
0°-60°	566.7	98.6
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	710	67
15°	614	170
25°	393	178
35°	162	104
45°	48	39
55°	7	9
65°	5	5
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	720.0
2.5°	717.9
5°	710.0
7.5°	697.4
10°	677.8
12.5°	650.4
15°	614.5
17.5°	569.2
20°	515.9
22.5°	456.3
25°	393.0
27.5°	328.1
30°	266.4
32.5°	210.5
35°	162.5
37.5°	123.4
40°	91.3
42.5°	65.4
45°	47.5
47.5°	34.3
50°	23.2
52.5°	13.2
55°	7.4
57.5°	6.3
60°	5.8
62.5°	5.3
65°	4.7
67.5°	4.2
70°	3.7
72.5°	3.2
75°	2.6
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)