

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: P1286242

Luminaire Tested: P3AS02R559030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286242
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: P3AS02R559030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

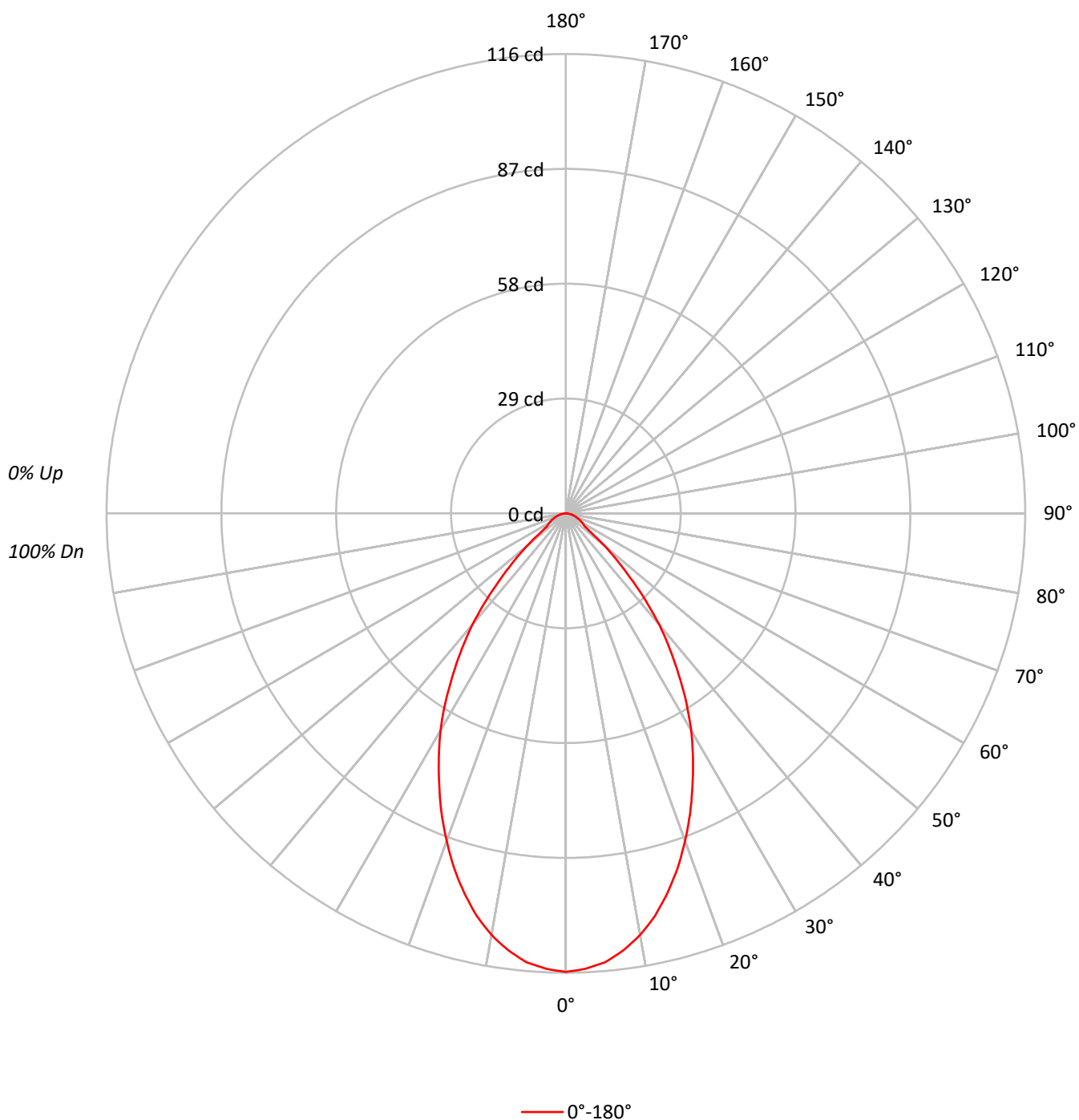
Lumens per Lamp: N/A
Luminaire Lumens: 135.0 lumens
Efficiency: N/A
Efficacy: 18.8 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62	57	54	52
8	73	62	55	51	72	62	55	51	60	54	50		59	54	50		58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52	47	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	25393
5°	25049
10°	24070
15°	22520
20°	20535
25°	18316
30°	16028
35°	13304
40°	10505
45°	7133
50°	4367
55°	2256
60°	2105
65°	1972
70°	1859
75°	1610
80°	1642
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7133 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	7.9
10°-20°	27.7	20.5
20°-30°	34.7	25.7
30°-40°	31.0	23.0
40°-50°	18.1	13.4
50°-60°	6.3	4.7
60°-70°	3.8	2.8
70°-80°	2.1	1.6
80°-90°	0.6	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°	73.1	54.1
0°-40°	104.1	77.1
0°-60°	128.5	95.2
0°-90°	135.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	135.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	116	
5°	114	11
15°	99	28
25°	76	35
35°	50	31
45°	23	18
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	115.8
2.5°	115.1
5°	113.8
7.5°	111.3
10°	108.1
12.5°	104.1
15°	99.2
17.5°	93.9
20°	88.0
22.5°	82.0
25°	75.7
27.5°	69.5
30°	63.3
32.5°	56.6
35°	49.7
37.5°	43.1
40°	36.7
42.5°	29.8
45°	23.0
47.5°	17.5
50°	12.8
52.5°	8.3
55°	5.9
57.5°	5.3
60°	4.8
62.5°	4.3
65°	3.8
67.5°	3.3
70°	2.9
72.5°	2.4
75°	1.9
77.5°	1.6
80°	1.3
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)