

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: P1271230

Luminaire Tested: P3AS05R259827DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271230
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259827DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

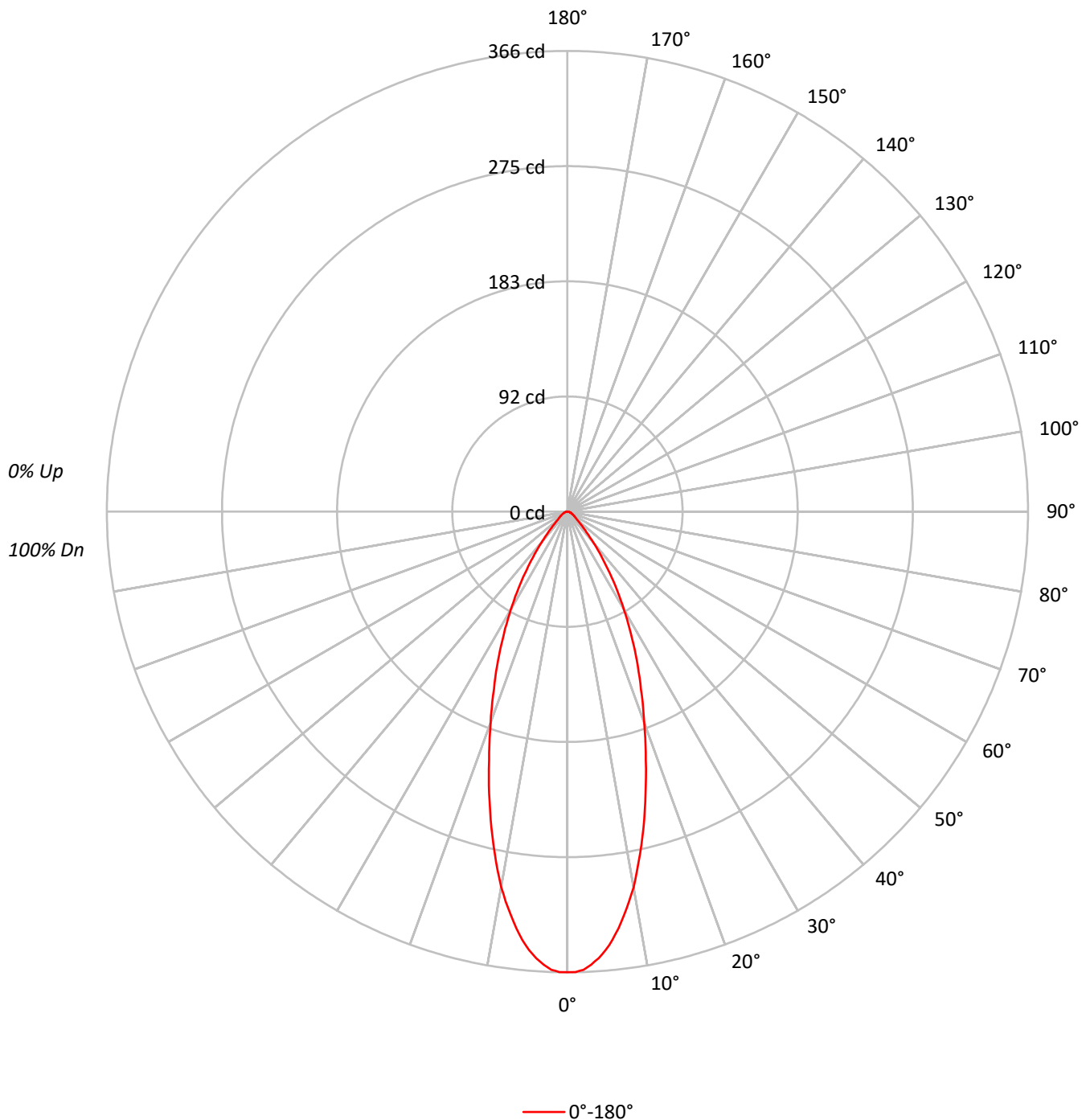
Lumens per Lamp: N/A
Luminaire Lumens: 221.0 lumens
Efficiency: N/A
Efficacy: 30.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	80235
5°	76975
10°	67445
15°	54211
20°	41654
25°	31502
30°	22763
35°	15125
40°	9160
45°	5334
50°	3411
55°	2753
60°	2412
65°	2127
70°	1795
75°	1779
80°	1263
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	14.4
10°-20°	66.0	29.9
20°-30°	59.7	27.0
30°-40°	35.9	16.2
40°-50°	14.2	6.4
50°-60°	6.6	3.0
60°-70°	4.0	1.8
70°-80°	2.1	1.0
80°-90°	0.6	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°	157.6	71.3
0°-40°	193.4	87.5
0°-60°	214.2	97.0
0°-90°	221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	366	
5°	350	32
15°	239	66
25°	130	60
35°	56	36
45°	17	14
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	365.9
1°	365.9
2°	364.2
3°	360.4
4°	355.6
5°	349.7
6°	342.1
7°	333.5
8°	323.5
9°	313.5
10°	302.9
11°	290.4
12°	277.7
13°	265.0
14°	252.2
15°	238.8
17.5°	207.1
20°	178.5
22.5°	152.6
25°	130.2
27.5°	109.2
30°	89.9
32.5°	72.4
35°	56.5
37.5°	43.1
40°	32.0
42.5°	23.4
45°	17.2
47.5°	13.1
50°	10.0
52.5°	8.3
55°	7.2
57.5°	6.2
60°	5.5
62.5°	4.5
65°	4.1
67.5°	3.4
70°	2.8
72.5°	2.4
75°	2.1
77.5°	1.7
80°	1.0
82.5°	0.7
85°	0.7
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)