

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: P1253998

Luminaire Tested: P3AS05R509035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253998
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R509035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

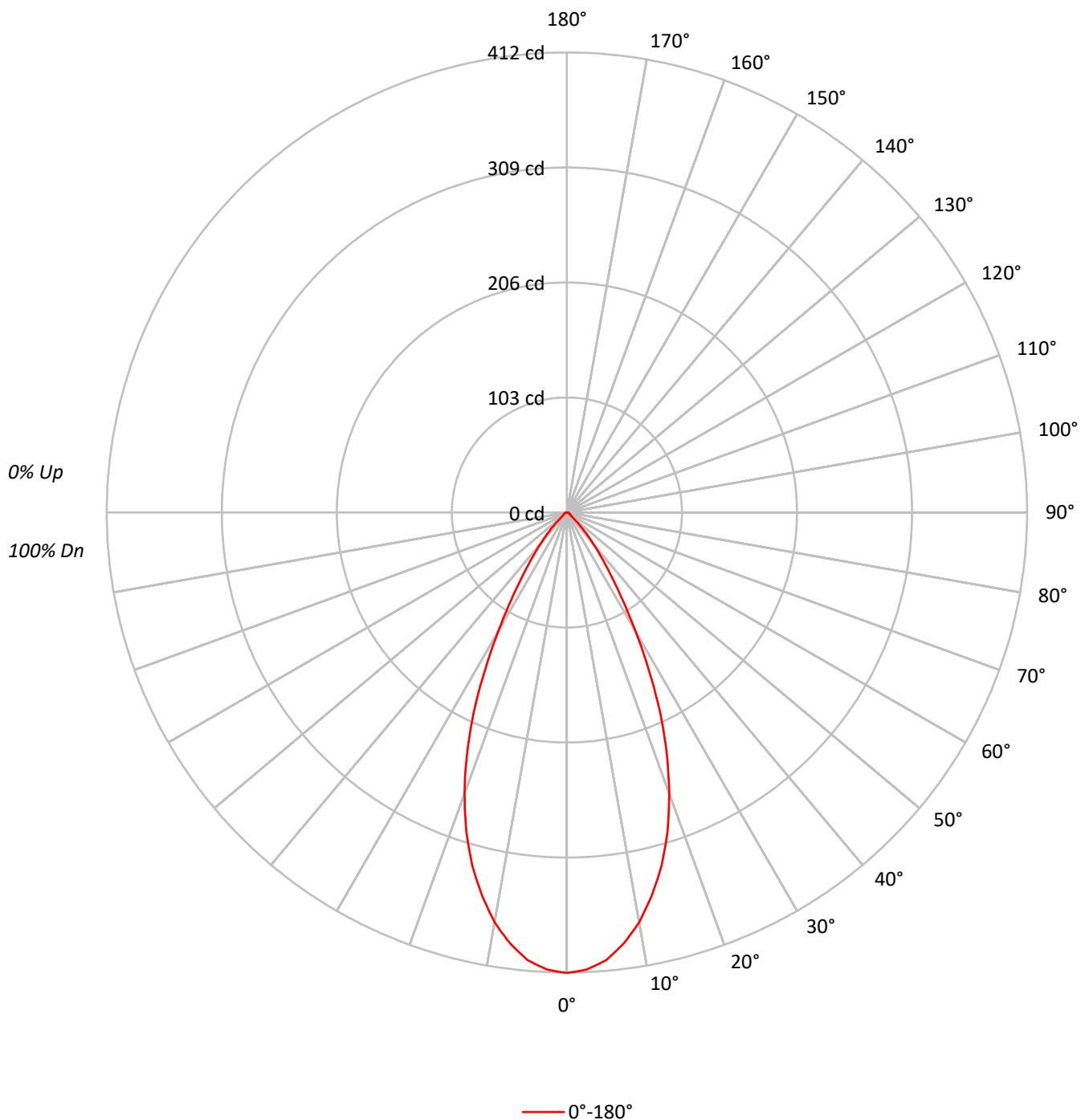
Lumens per Lamp: N/A
Luminaire Lumens: 284.0 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1253998

CATALOG NUMBER: P3AS05R509035DE010 E3DL1GPH

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89
3	103	97	92	88		101	95	91	87		93	89	86		90	87	84		88	85	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	80	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	75	71		88	80	74	70		78	73	70		77	73	69		75	72	69
7	85	76	70	66		84	75	70	66		74	69	66		73	69	65		72	68	65
8	81	72	66	62		80	71	66	62		70	65	62		69	65	62		68	64	61
9	78	68	63	59		76	68	62	59		67	62	59		66	62	58		65	61	58
10	74	65	59	56		73	65	59	56		64	59	55		63	58	55		62	58	55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90431
5°	88598
10°	82987
15°	74302
20°	62515
25°	47712
30°	31017
35°	18390
40°	10620
45°	5334
50°	1979
55°	1529
60°	1447
65°	1297
70°	1282
75°	1271
80°	1263
85°	1258

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°	37.4	13.2
10°-20°	90.5	31.9
20°-30°	88.8	31.3
30°-40°	44.7	15.8
40°-50°	14.1	5.0
50°-60°	3.6	1.3
60°-70°	2.6	0.9
70°-80°	1.6	0.6
80°-90°	0.6	0.2
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°	216.7	76.3
0°-40°	261.5	92.1
0°-60°	279.3	98.3
0°-90°	284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	284.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	412	
5°	402	37
15°	327	91
25°	197	89
35°	69	45
45°	17	14
55°	4	4
65°	2	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	412.4
2.5°	409.8
5°	402.5
7.5°	389.4
10°	372.7
12.5°	351.2
15°	327.3
17.5°	299.5
20°	267.9
22.5°	233.8
25°	197.2
27.5°	158.3
30°	122.5
32.5°	92.2
35°	68.7
37.5°	50.8
40°	37.1
42.5°	26.3
45°	17.2
47.5°	9.8
50°	5.8
52.5°	4.3
55°	4.0
57.5°	3.5
60°	3.3
62.5°	3.0
65°	2.5
67.5°	2.3
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)