

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: P1256688

Luminaire Tested: P3AS05R459040DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256688
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R459040DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

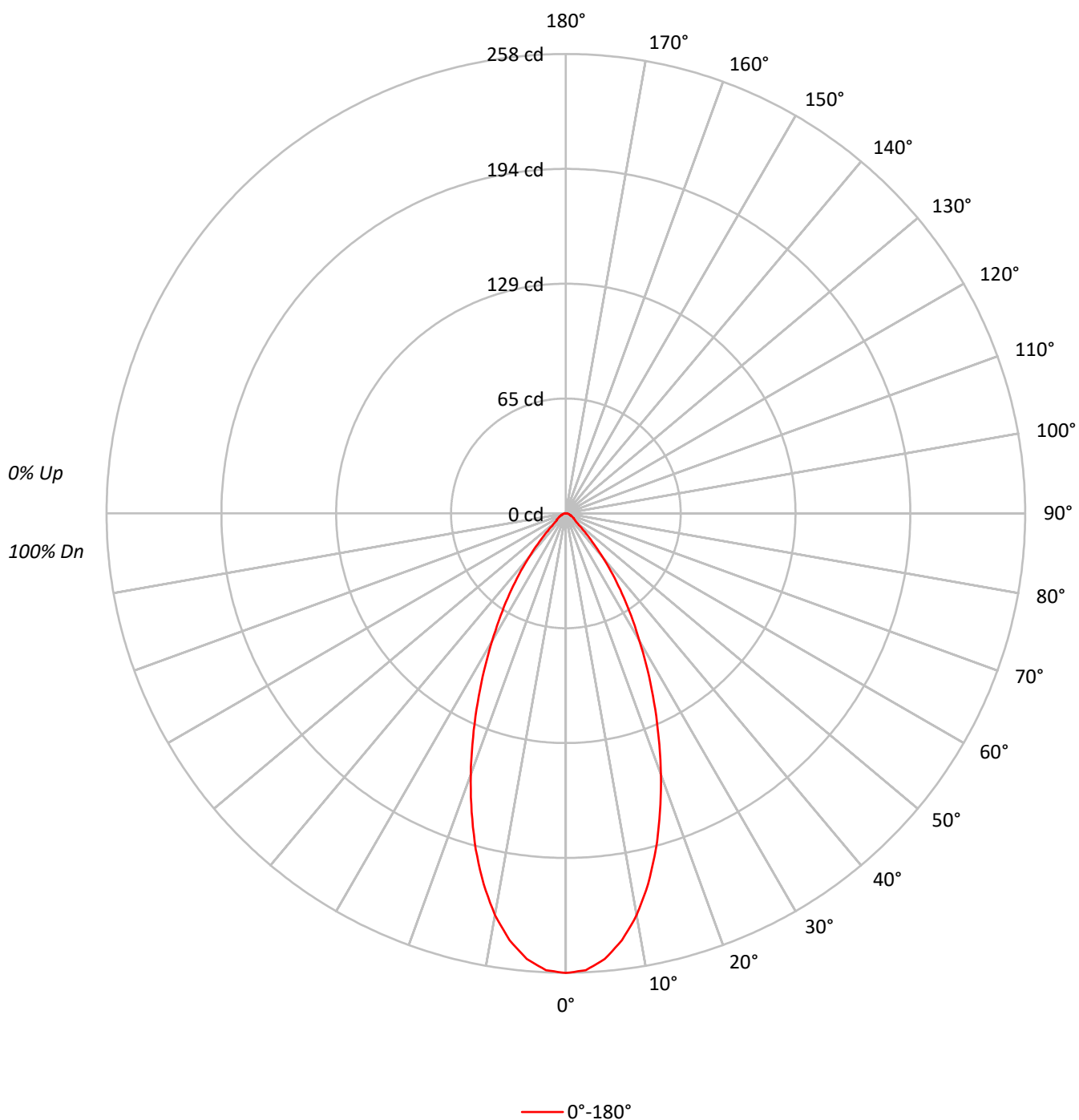
Lumens per Lamp: N/A
Luminaire Lumens: 190.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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	113	110	107	105		111	108	106	103		104	102	100		100	99	97		97	96	94
2	107	102	98	94		105	100	96	93		97	94	91		94	91	89		91	89	87
3	102	95	90	85		100	93	89	85		91	87	83		88	85	82		86	83	81
4	96	88	83	78		94	87	82	78		85	81	77		83	79	76		81	78	75
5	91	83	77	72		90	82	76	72		80	75	71		78	74	71		77	73	70
6	87	78	72	67		85	77	71	67		75	70	66		74	69	66		73	69	66
7	83	73	67	63		81	72	67	62		71	66	62		70	65	62		69	65	61
8	79	69	63	59		77	68	63	59		67	62	58		66	62	58		65	61	58
9	75	65	59	55		74	65	59	55		64	59	55		63	58	55		62	58	55
10	72	62	56	52		71	61	56	52		61	55	52		60	55	52		59	55	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56596
5°	55294
10°	51012
15°	44359
20°	36450
25°	28356
30°	20940
35°	14723
40°	9189
45°	4993
50°	2695
55°	2332
60°	2061
65°	1764
70°	1539
75°	1525
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4993 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	12.2
10°-20°	54.0	28.4
20°-30°	53.6	28.2
30°-40°	34.5	18.2
40°-50°	13.3	7.0
50°-60°	5.4	2.9
60°-70°	3.4	1.8
70°-80°	1.8	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°	130.9	68.9
0°-40°	165.5	87.1
0°-60°	184.2	96.9
0°-90°	190.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	190.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	258	
5°	251	23
15°	195	54
25°	117	54
35°	55	35
45°	16	13
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	258.1
2.5°	256.8
5°	251.2
7.5°	241.8
10°	229.1
12.5°	213.3
15°	195.4
17.5°	175.9
20°	156.2
22.5°	136.2
25°	117.2
27.5°	99.3
30°	82.7
32.5°	68.2
35°	55.0
37.5°	43.2
40°	32.1
42.5°	23.2
45°	16.1
47.5°	10.8
50°	7.9
52.5°	6.6
55°	6.1
57.5°	5.3
60°	4.7
62.5°	4.0
65°	3.4
67.5°	2.9
70°	2.4
72.5°	2.1
75°	1.8
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)