

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: P1251274

Luminaire Tested: P3AS05R459030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251274
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: P3AS05R459030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

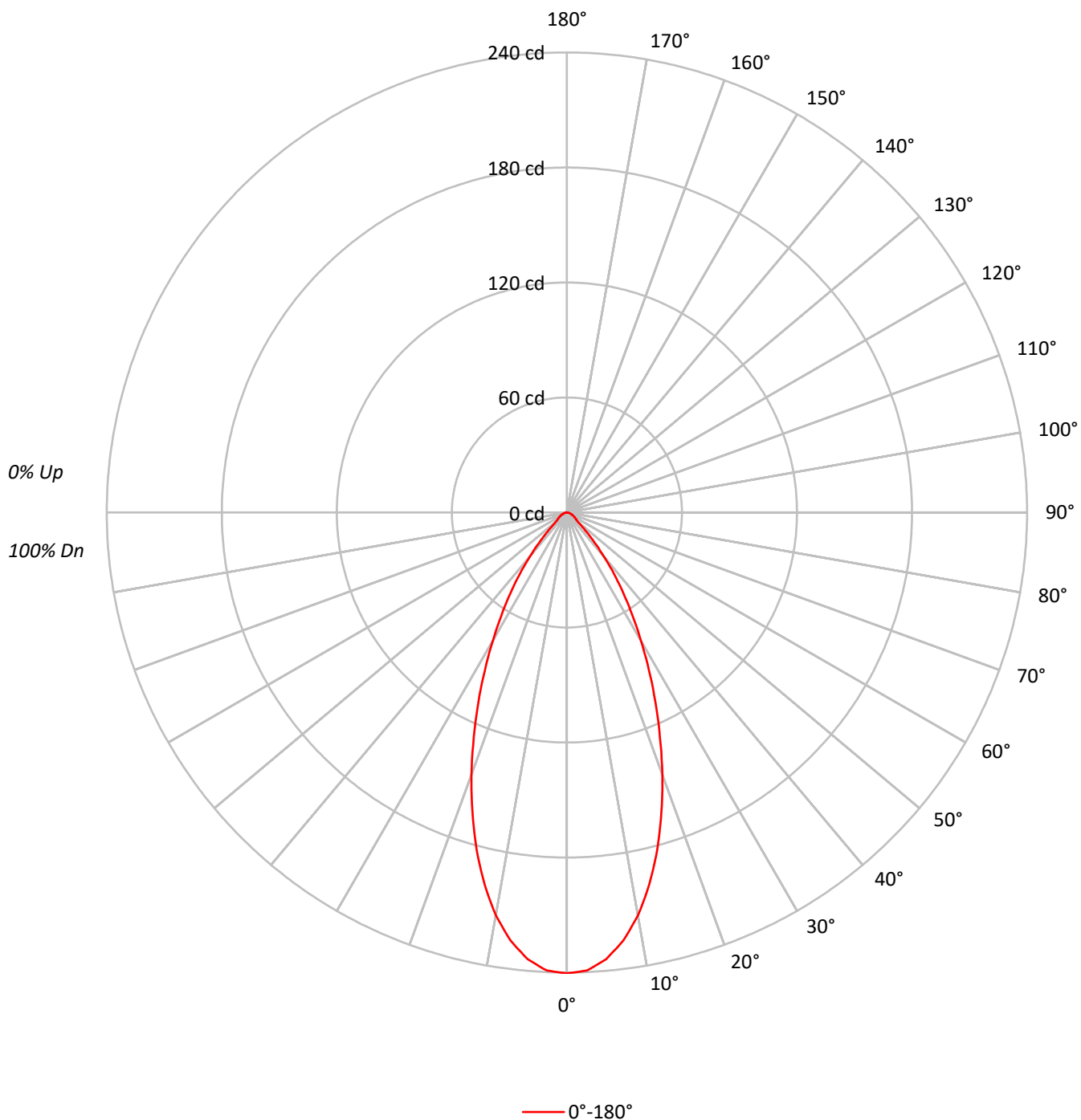
Lumens per Lamp: N/A
Luminaire Lumens: 177.0 lumens
Efficiency: N/A
Efficacy: 24.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					50					30					0	
RW	70	50	30	10		70	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	113	110	108	105		111	108	106	103		104	102	100		100	99	97		97	96	94	93
2	107	102	98	94		105	100	96	93		97	94	91		94	91	89		91	89	87	86
3	102	95	90	85		100	93	89	85		91	87	83		88	85	82		86	83	81	79
4	96	88	83	78		94	87	82	78		85	81	77		83	79	76		81	78	75	74
5	91	83	77	72		90	82	76	72		80	75	71		78	74	71		77	73	70	69
6	87	78	72	67		85	77	71	67		75	70	66		74	69	66		73	69	66	64
7	83	73	67	63		81	72	67	63		71	66	62		70	65	62		69	65	61	60
8	79	69	63	59		77	68	63	59		67	62	58		66	62	58		65	61	58	56
9	75	65	59	55		74	65	59	55		64	59	55		63	58	55		62	58	55	53
10	72	62	56	52		71	61	56	52		61	55	52		60	55	52		59	55	52	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52715
5°	51508
10°	47516
15°	41317
20°	33953
25°	26421
30°	19497
35°	13733
40°	8559
45°	4652
50°	2524
55°	2141
60°	1930
65°	1660
70°	1410
75°	1440
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	12.2
10°-20°	50.3	28.4
20°-30°	50.0	28.2
30°-40°	32.2	18.2
40°-50°	12.4	7.0
50°-60°	5.0	2.8
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.5	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°	122.0	68.9
0°-40°	154.1	87.1
0°-60°	171.6	96.9
0°-90°	177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	177.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	240	
5°	234	22
15°	182	50
25°	109	50
35°	51	32
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	240.4
2.5°	239.2
5°	234.0
7.5°	225.2
10°	213.4
12.5°	198.7
15°	182.0
17.5°	163.9
20°	145.5
22.5°	126.8
25°	109.2
27.5°	92.5
30°	77.0
32.5°	63.5
35°	51.3
37.5°	40.2
40°	29.9
42.5°	21.6
45°	15.0
47.5°	10.1
50°	7.4
52.5°	6.1
55°	5.6
57.5°	4.9
60°	4.4
62.5°	3.7
65°	3.2
67.5°	2.7
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)