

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: P1275308

Luminaire Tested: P3AS05R159835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275308
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

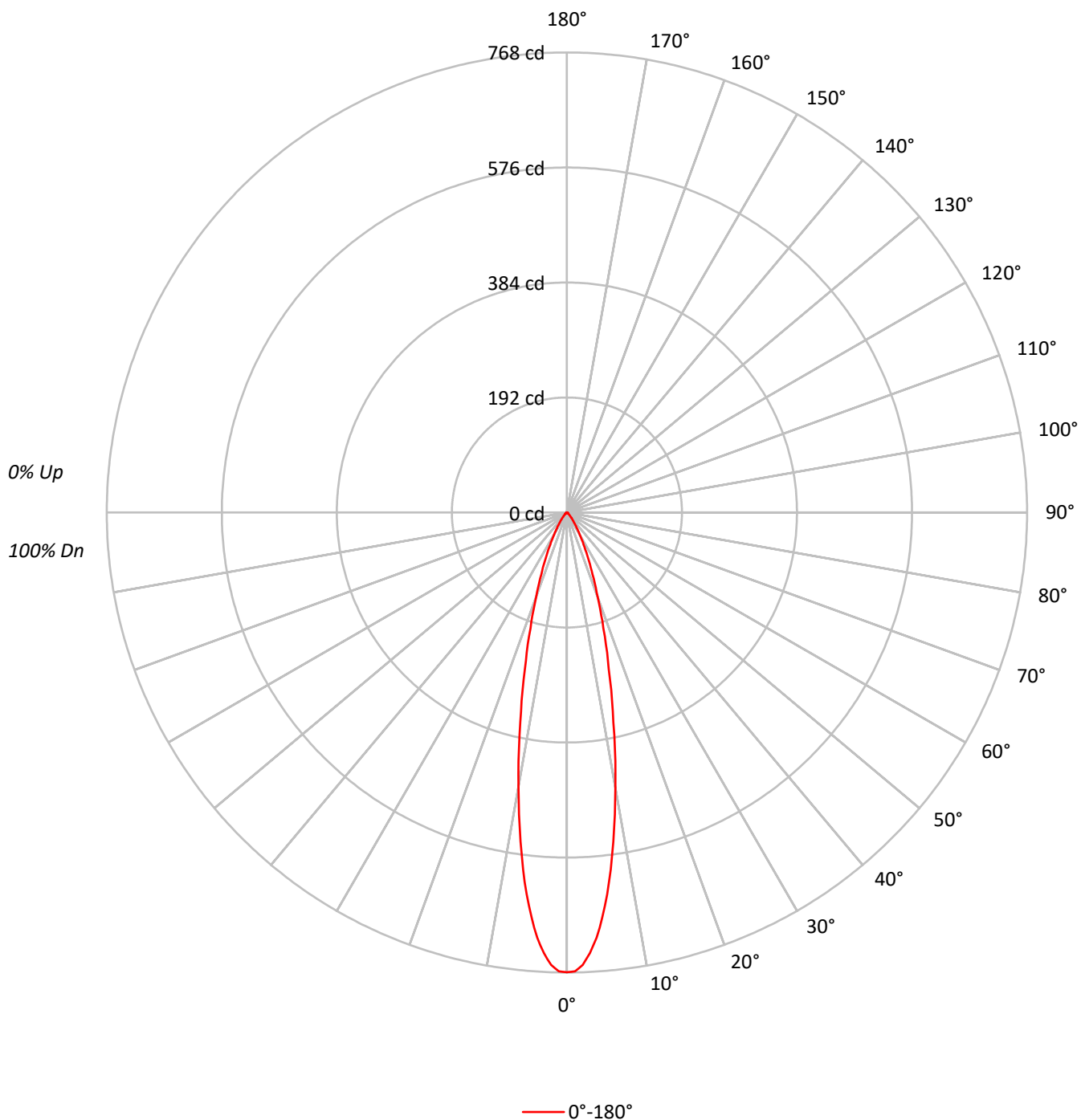
Lumens per Lamp: N/A
Luminaire Lumens: 197.0 lumens
Efficiency: N/A
Efficacy: 27.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	168298
5°	149372
10°	103739
15°	61340
20°	34933
25°	19985
30°	11040
35°	5889
40°	3263
45°	1768
50°	1092
55°	879
60°	746
65°	675
70°	577
75°	678
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.7	29.3
10°-20°	76.2	38.7
20°-30°	39.2	19.9
30°-40°	14.7	7.5
40°-50°	4.8	2.5
50°-60°	2.1	1.1
60°-70°	1.3	0.7
70°-80°	0.8	0.4
80°-90°	0.2	0.1
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°	173.1	87.9
0°-40°	187.8	95.3
0°-60°	194.7	98.8
0°-90°	197.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	197.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	768	
5°	679	58
15°	270	76
25°	83	39
35°	22	15
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	767.5
1°	765.9
2°	755.9
3°	736.7
4°	711.5
5°	678.6
6°	641.4
7°	600.6
8°	555.3
9°	510.5
10°	465.9
12.5°	358.5
15°	270.2
17.5°	202.3
20°	149.7
22.5°	111.8
25°	82.6
27.5°	60.2
30°	43.6
32.5°	30.9
35°	22.0
37.5°	15.8
40°	11.4
42.5°	8.2
45°	5.7
47.5°	4.2
50°	3.2
52.5°	2.7
55°	2.3
57.5°	1.9
60°	1.7
62.5°	1.5
65°	1.3
67.5°	1.1
70°	0.9
72.5°	0.9
75°	0.8
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)