

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: P1253650

Luminaire Tested: P3AS02R609035DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609035DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

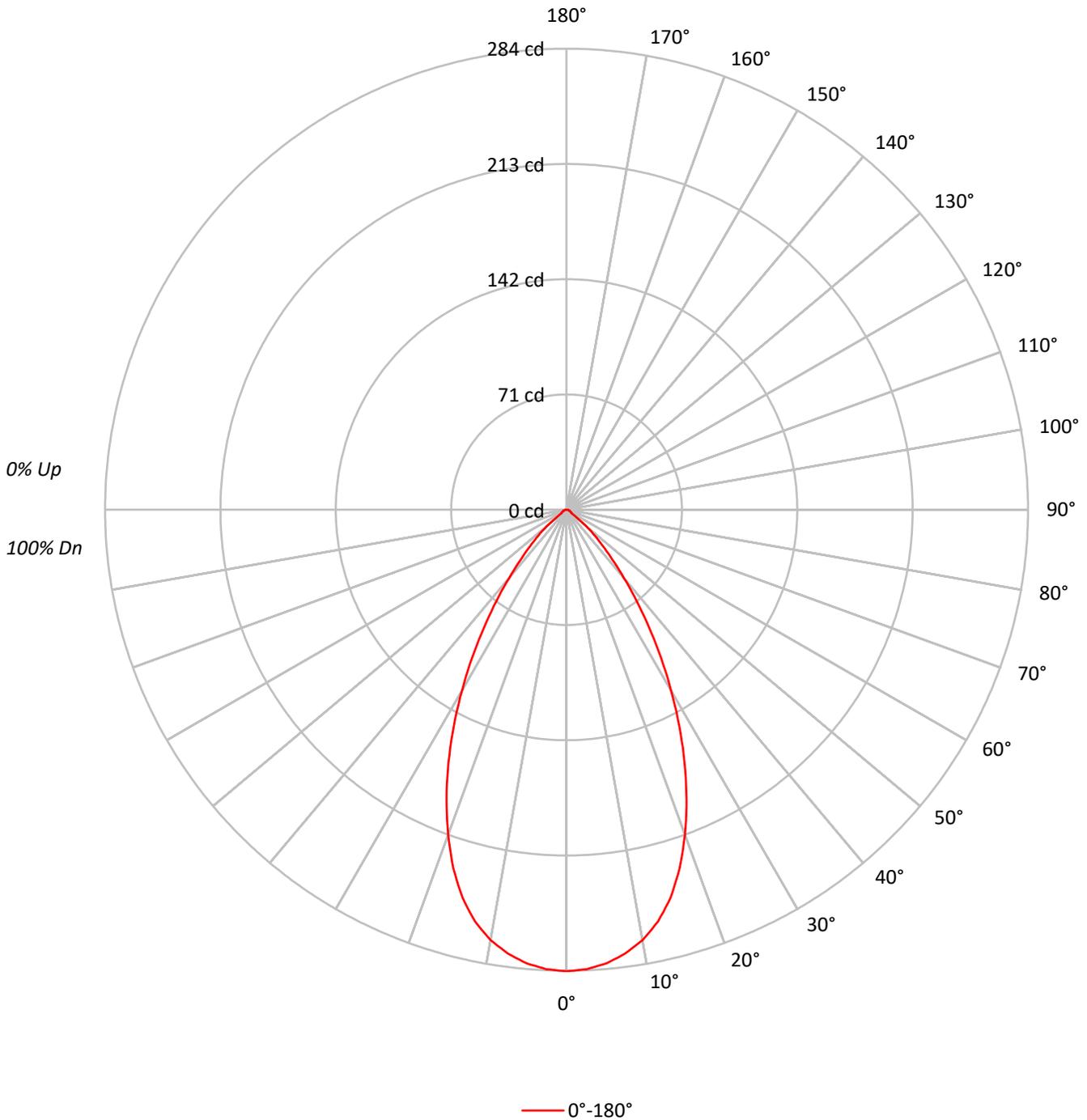
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 264.1 lumens
Efficiency: N/A
Efficacy: 73.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		100
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79		79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73		73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68		68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63		63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	67	63	60	59		59
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62341
5°	61743
10°	59941
15°	56164
20°	49704
25°	41591
30°	32587
35°	23637
40°	15744
45°	9799
50°	5322
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: 9799 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	10.0
10°-20°	68.6	26.0
20°-30°	78.2	29.6
30°-40°	55.5	21.0
40°-50°	25.2	9.5
50°-60°	5.3	2.0
60°-70°	2.6	1.0
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°	173.3	65.6
0°-40°	228.8	86.6
0°-60°	259.3	98.2
0°-90°	264.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	264.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	284	
5°	280	26
15°	247	69
25°	172	78
35°	88	55
45°	32	25
55°	4	5
65°	2	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	284.3
2.5°	283.3
5°	280.5
7.5°	275.8
10°	269.2
12.5°	259.9
15°	247.4
17.5°	231.6
20°	213.0
22.5°	193.0
25°	171.9
27.5°	150.3
30°	128.7
32.5°	108.1
35°	88.3
37.5°	70.8
40°	55.0
42.5°	41.7
45°	31.6
47.5°	23.6
50°	15.6
52.5°	7.3
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)