

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: P1265409

Luminaire Tested: P3A17R309730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265409
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

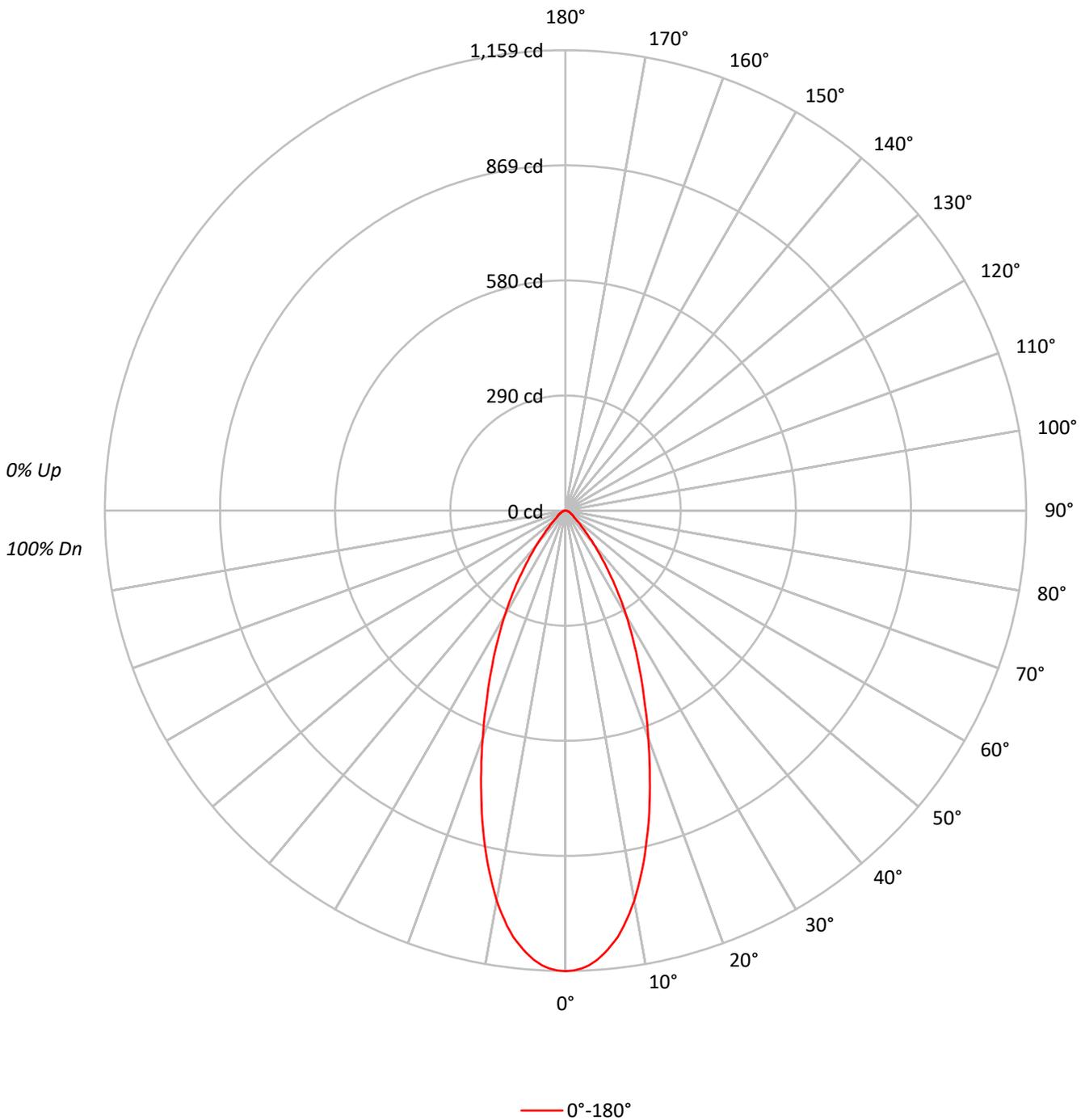
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 744.1 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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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CATALOG NUMBER: P3A17R309730DE010 E3DL1WH

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	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	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	254234
5°	246312
10°	221951
15°	183588
20°	142136
25°	106627
30°	77404
35°	51584
40°	31717
45°	18607
50°	11428
55°	9252
60°	8113
65°	6590
70°	5898
75°	5846
80°	4420
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18607 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.9	13.8
10°-20°	222.7	29.9
20°-30°	202.6	27.2
30°-40°	122.5	16.5
40°-50°	49.1	6.6
50°-60°	21.8	2.9
60°-70°	13.1	1.8
70°-80°	7.2	1.0
80°-90°	2.1	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°	528.3	71.0
0°-40°	650.8	87.5
0°-60°	721.7	97.0
0°-90°	744.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	744.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1159	
5°	1119	103
15°	809	223
25°	441	203
35°	193	123
45°	60	49
55°	24	22
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1159.4
1°	1158.3
2°	1153.7
3°	1145.6
4°	1134.0
5°	1119.0
6°	1100.6
7°	1081.0
8°	1055.6
9°	1026.8
10°	996.8
11°	962.1
12°	925.2
13°	888.3
14°	847.9
15°	808.7
17.5°	706.0
20°	609.1
22.5°	519.1
25°	440.7
27.5°	369.2
30°	305.7
32.5°	246.9
35°	192.7
37.5°	147.7
40°	110.8
42.5°	80.8
45°	60.0
47.5°	45.0
50°	33.5
52.5°	26.5
55°	24.2
57.5°	20.8
60°	18.5
62.5°	15.0
65°	12.7
67.5°	11.5
70°	9.2
72.5°	8.1
75°	6.9
77.5°	5.8
80°	3.5
82.5°	2.3
85°	2.3
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)