

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: P1264275

Luminaire Tested: P3A05R309730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264275
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: P3A05R309730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

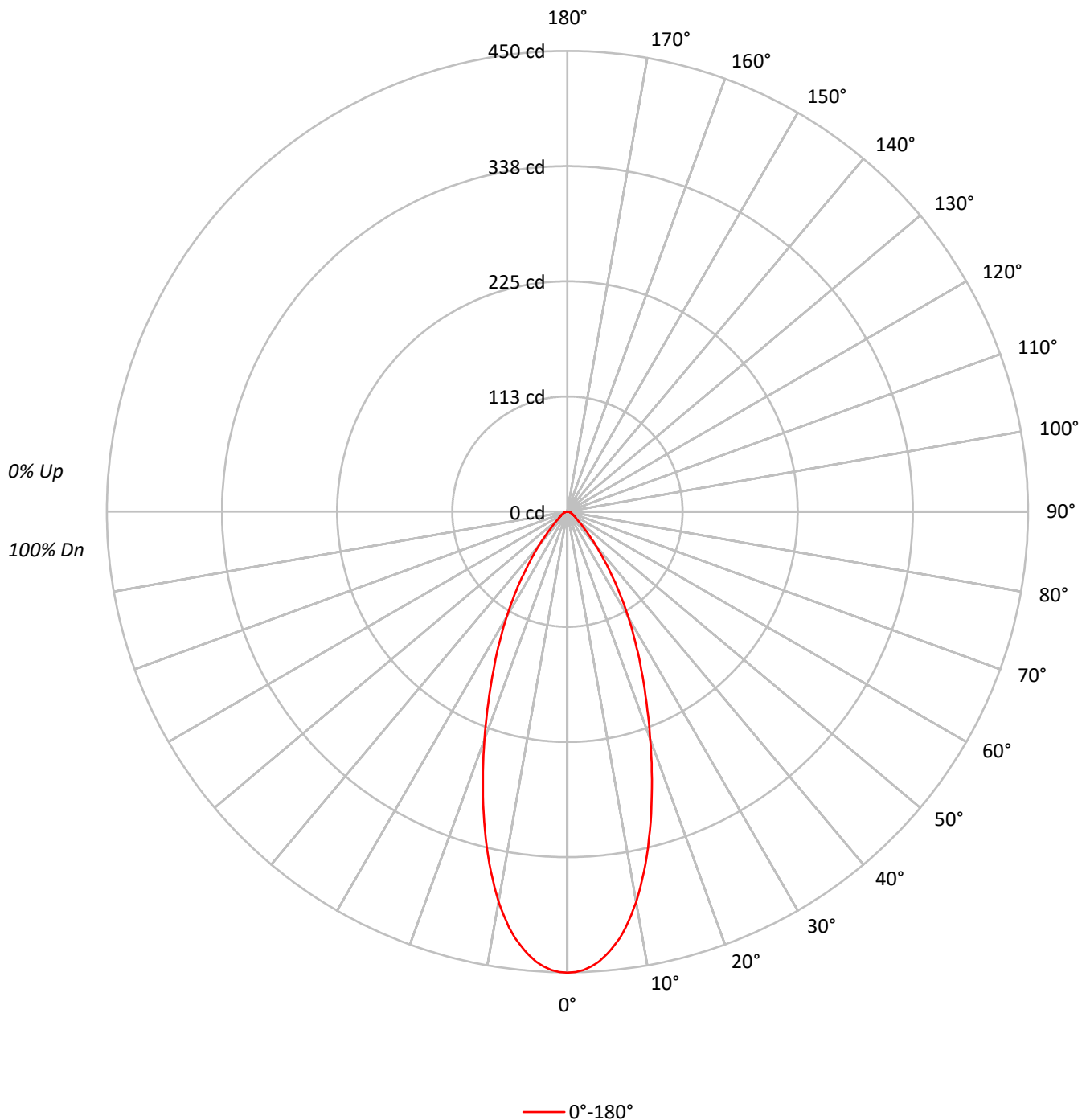
Lumens per Lamp: N/A
Luminaire Lumens: 289.0 lumens
Efficiency: N/A
Efficacy: 40.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		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		68	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	54		61	57	53		61	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	98764
5°	95685
10°	86215
15°	71306
20°	55211
25°	41422
30°	30081
35°	20023
40°	12309
45°	7226
50°	4435
55°	3594
60°	3158
65°	2542
70°	2308
75°	2288
80°	1642
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.0	13.8
10°-20°	86.5	29.9
20°-30°	78.7	27.2
30°-40°	47.6	16.5
40°-50°	19.1	6.6
50°-60°	8.5	2.9
60°-70°	5.1	1.8
70°-80°	2.8	1.0
80°-90°	0.8	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°	205.2	71.0
0°-40°	252.8	87.5
0°-60°	280.4	97.0
0°-90°	289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	289.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	450	
5°	435	40
15°	314	87
25°	171	79
35°	75	48
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	450.4
1°	449.9
2°	448.1
3°	445.0
4°	440.5
5°	434.7
6°	427.5
7°	419.9
8°	410.0
9°	398.8
10°	387.2
11°	373.7
12°	359.4
13°	345.1
14°	329.4
15°	314.1
17.5°	274.3
20°	236.6
22.5°	201.7
25°	171.2
27.5°	143.4
30°	118.8
32.5°	95.9
35°	74.8
37.5°	57.4
40°	43.0
42.5°	31.4
45°	23.3
47.5°	17.5
50°	13.0
52.5°	10.3
55°	9.4
57.5°	8.1
60°	7.2
62.5°	5.8
65°	4.9
67.5°	4.5
70°	3.6
72.5°	3.1
75°	2.7
77.5°	2.2
80°	1.3
82.5°	0.9
85°	0.9
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)