

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: P1286326

Luminaire Tested: P3AS02R709030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286326
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

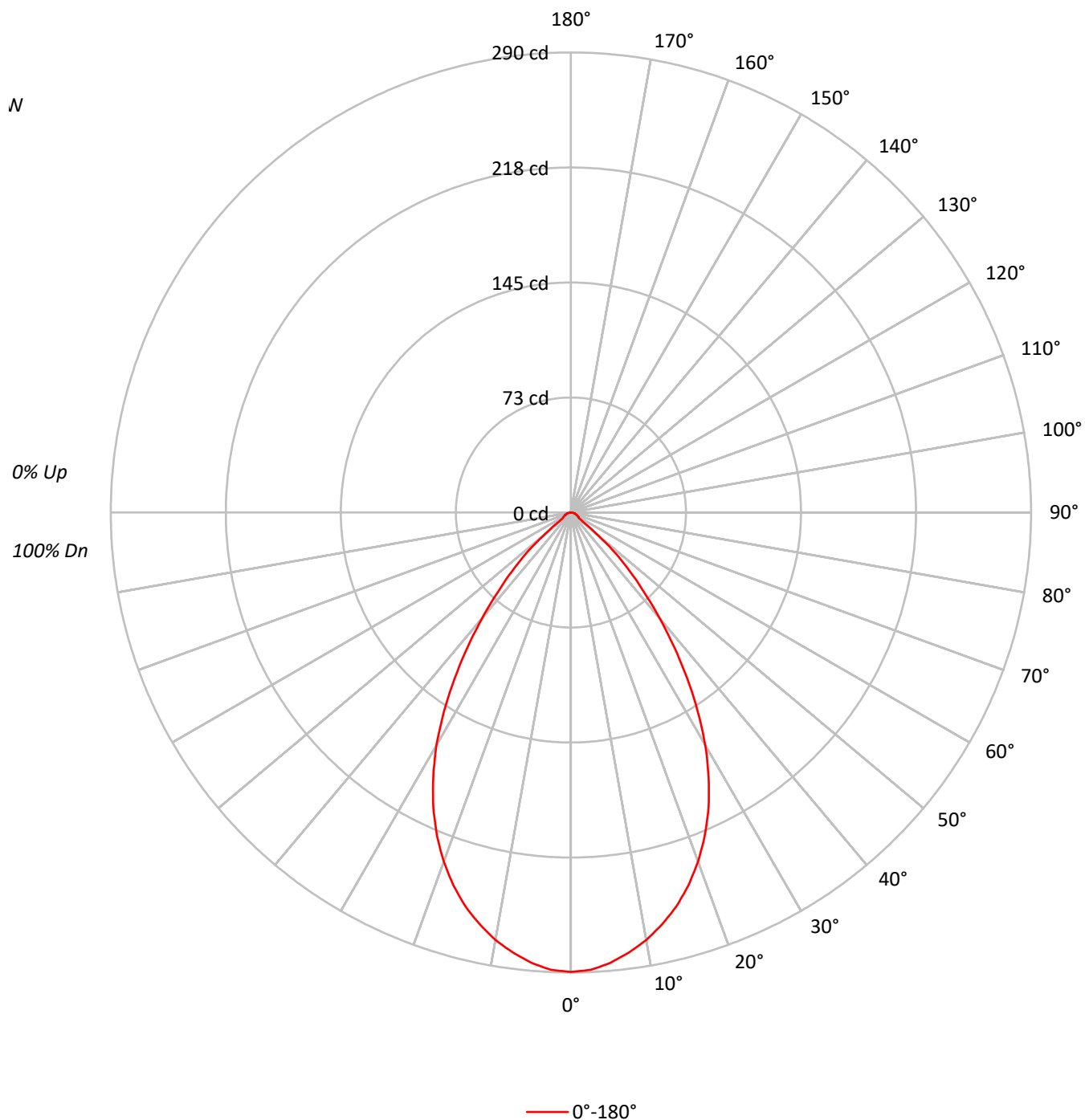
Lumens per Lamp: N/A
Luminaire Lumens: 328.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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		
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92		
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84		
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77		
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70		
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63504
5°	62734
10°	60921
15°	58343
20°	54651
25°	49648
30°	42893
35°	34184
40°	24904
45°	16374
50°	7676
55°	2370
60°	2281
65°	2179
70°	2116
75°	2203
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16374 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	8.2
10°-20°	71.9	21.9
20°-30°	93.5	28.5
30°-40°	79.3	24.2
40°-50°	40.9	12.5
50°-60°	7.9	2.4
60°-70°	4.3	1.3
70°-80°	2.6	0.8
80°-90°	0.8	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°	192.2	58.6
0°-40°	271.6	82.8
0°-60°	320.4	97.7
0°-90°	328.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	290	
5°	285	27
15°	257	72
25°	205	93
35°	128	79
45°	53	41
55°	6	8
65°	4	4
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	289.6
2.5°	288.6
5°	285.0
7.5°	279.8
10°	273.6
12.5°	265.8
15°	257.0
17.5°	246.3
20°	234.2
22.5°	220.5
25°	205.2
27.5°	187.9
30°	169.4
32.5°	148.9
35°	127.7
37.5°	106.8
40°	87.0
42.5°	68.4
45°	52.8
47.5°	38.8
50°	22.5
52.5°	9.8
55°	6.2
57.5°	5.9
60°	5.2
62.5°	4.9
65°	4.2
67.5°	3.9
70°	3.3
72.5°	2.9
75°	2.6
77.5°	2.0
80°	1.6
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)