

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: P1286328

Luminaire Tested: P3AS02R709030D2WDE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286328
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 E3DL1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

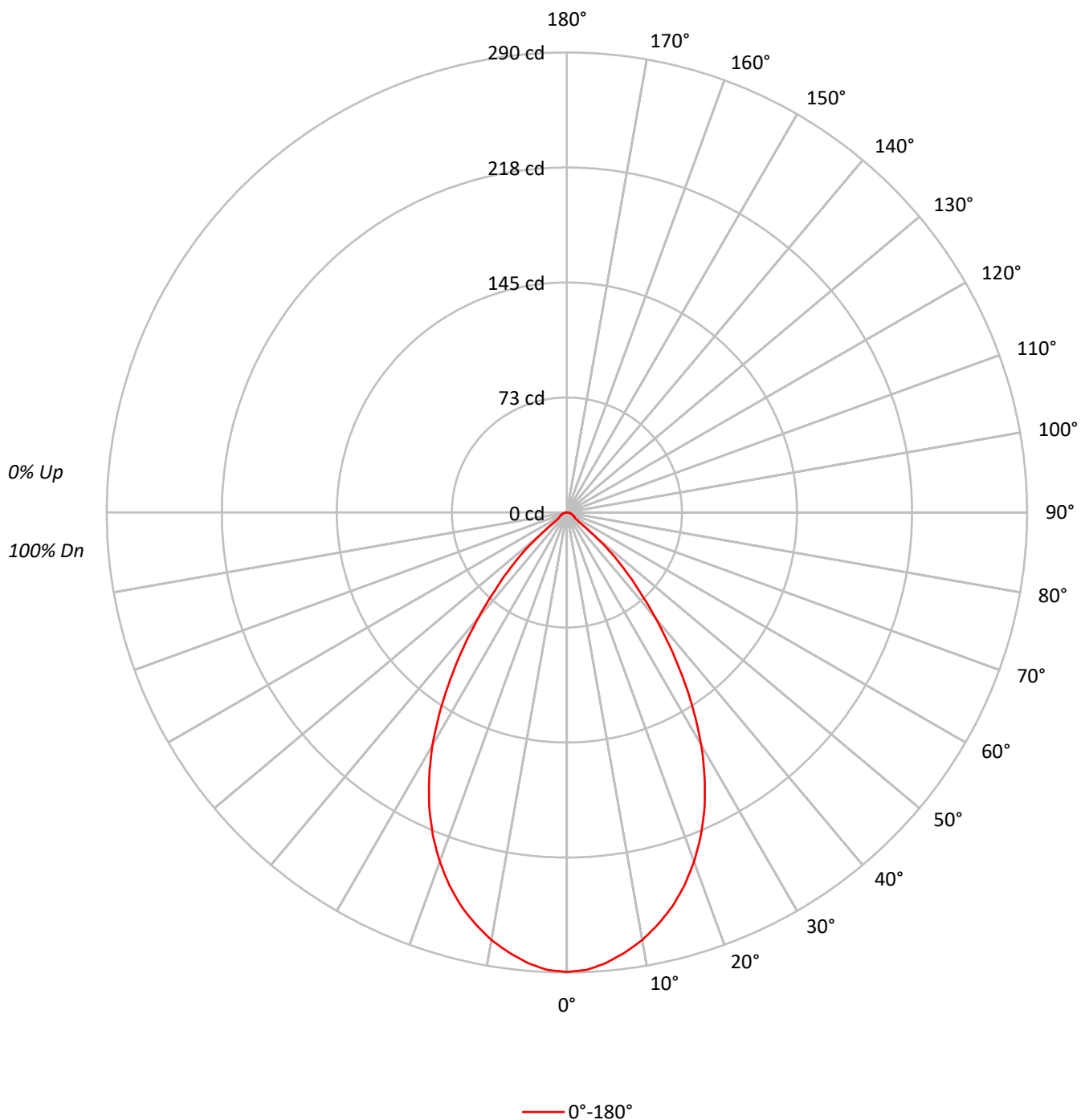
Lumens per Lamp: N/A
Luminaire Lumens: 328.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1286328

CATALOG NUMBER: P3AS02R709030D2WDE010 E3DL1WMH

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	96	93		104	99	95	92		96	92	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	82		89	85	81		86	83	80		84	81	79
4	94	86	80	75		93	85	79	75		83	78	74		81	76	73		79	75	72
5	89	80	73	69		87	79	73	68		77	72	68		75	71	67		74	70	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	53		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49
10	67	57	50	46		66	56	50	46		55	50	46		55	49	46		54	49	46

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)