

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: P1286728

Luminaire Tested: P3AS09R209030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286728
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

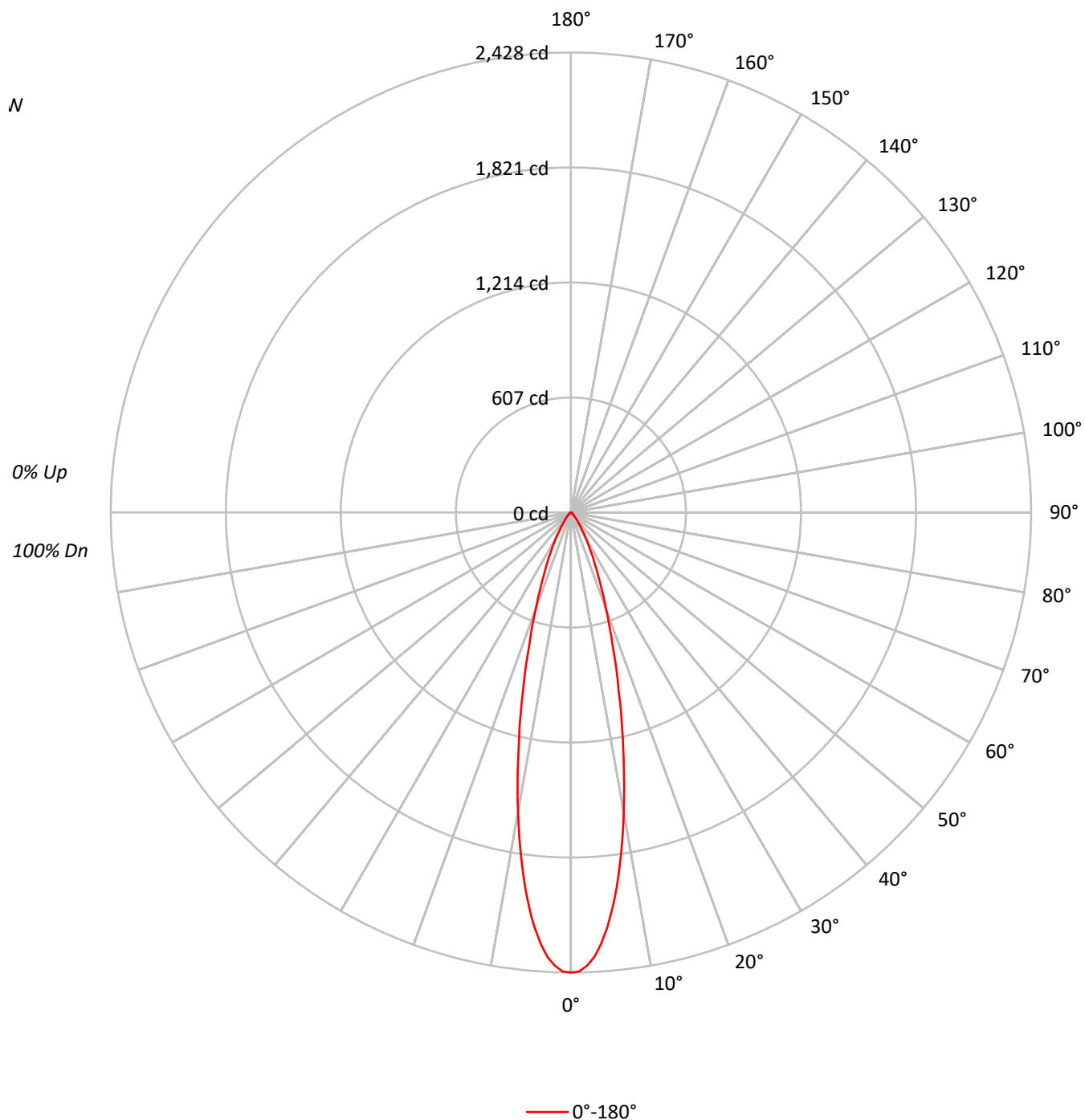
Lumens per Lamp: N/A
Luminaire Lumens: 692.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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: P1286728

CATALOG NUMBER: P3AS09R209030D2WDE010 E3DL1MW

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	532413
5°	483974
10°	357687
15°	221273
20°	126361
25°	72149
30°	40462
35°	22004
40°	12051
45°	6636
50°	3889
55°	2829
60°	2631
65°	2439
70°	2116
75°	2288
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6636 cd/sqm

TEST NUMBER: P1286728

CATALOG NUMBER: P3AS09R209030D2WDE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.4	27.5
10°-20°	271.8	39.3
20°-30°	141.9	20.5
30°-40°	54.9	7.9
40°-50°	17.8	2.6
50°-60°	7.0	1.0
60°-70°	4.6	0.7
70°-80°	2.7	0.4
80°-90°	0.9	0.1
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°	604.1	87.3
0°-40°	658.9	95.2
0°-60°	683.8	98.8
0°-90°	692.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	692.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2428	
5°	2199	190
15°	975	272
25°	298	142
35°	82	55
45°	21	18
55°	7	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2428.0
1°	2423.3
2°	2394.6
3°	2350.5
4°	2282.3
5°	2198.7
6°	2099.8
7°	1990.1
8°	1863.1
9°	1739.4
10°	1606.4
12.5°	1276.8
15°	974.7
17.5°	729.3
20°	541.5
22.5°	401.1
25°	298.2
27.5°	219.9
30°	159.8
32.5°	115.7
35°	82.2
37.5°	59.5
40°	42.1
42.5°	30.1
45°	21.4
47.5°	15.4
50°	11.4
52.5°	8.7
55°	7.4
57.5°	6.7
60°	6.0
62.5°	5.3
65°	4.7
67.5°	4.0
70°	3.3
72.5°	3.3
75°	2.7
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)