

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: P1250720

Luminaire Tested: P3AS02R209030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250720
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

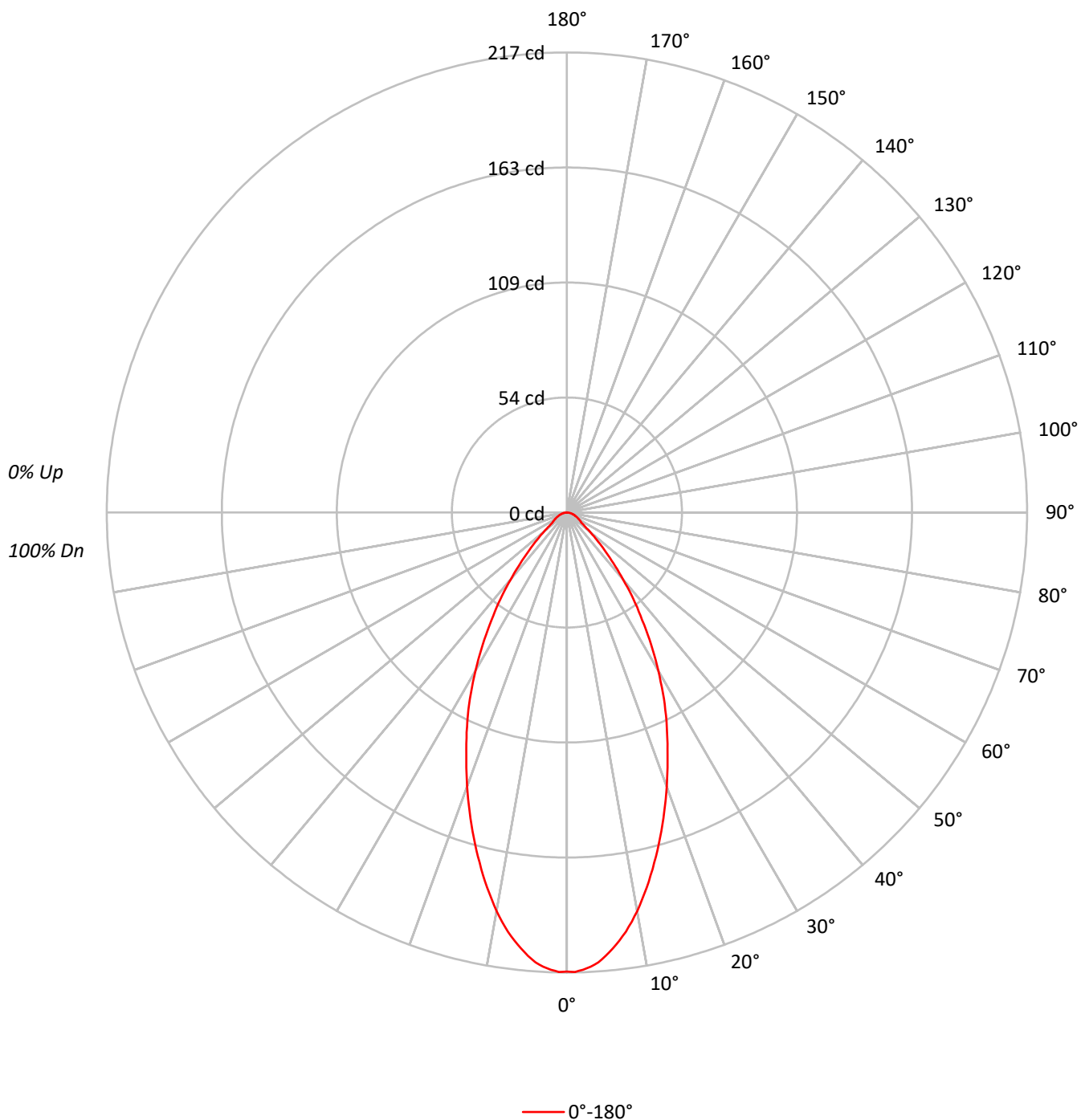
Lumens per Lamp: N/A
Luminaire Lumens: 192.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	47496
5°	46225
10°	42529
15°	37435
20°	32109
25°	26977
30°	21801
35°	16570
40°	11794
45°	7784
50°	4810
55°	3173
60°	2895
65°	2646
70°	2500
75°	2288
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7784 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	10.1
10°-20°	45.9	23.9
20°-30°	51.0	26.5
30°-40°	38.9	20.2
40°-50°	19.9	10.4
50°-60°	8.2	4.3
60°-70°	5.1	2.7
70°-80°	2.9	1.5
80°-90°	0.8	0.4
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°	116.3	60.6
0°-40°	155.1	80.8
0°-60°	183.2	95.4
0°-90°	192.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	192.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	217	
5°	210	19
15°	165	46
25°	112	51
35°	62	39
45°	25	20
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	216.6
1°	216.8
2°	215.8
3°	214.6
4°	212.7
5°	210.0
6°	206.8
7°	203.4
8°	199.7
9°	195.4
10°	191.0
12.5°	178.3
15°	164.9
17.5°	151.2
20°	137.6
22.5°	123.9
25°	111.5
27.5°	99.0
30°	86.1
32.5°	73.9
35°	61.9
37.5°	51.5
40°	41.2
42.5°	32.4
45°	25.1
47.5°	19.0
50°	14.1
52.5°	10.5
55°	8.3
57.5°	7.6
60°	6.6
62.5°	5.9
65°	5.1
67.5°	4.4
70°	3.9
72.5°	3.2
75°	2.7
77.5°	2.2
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2
90°	0.0

(END OF REPORT)