

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: P1286048

Luminaire Tested: P3AS02R209030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286048
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

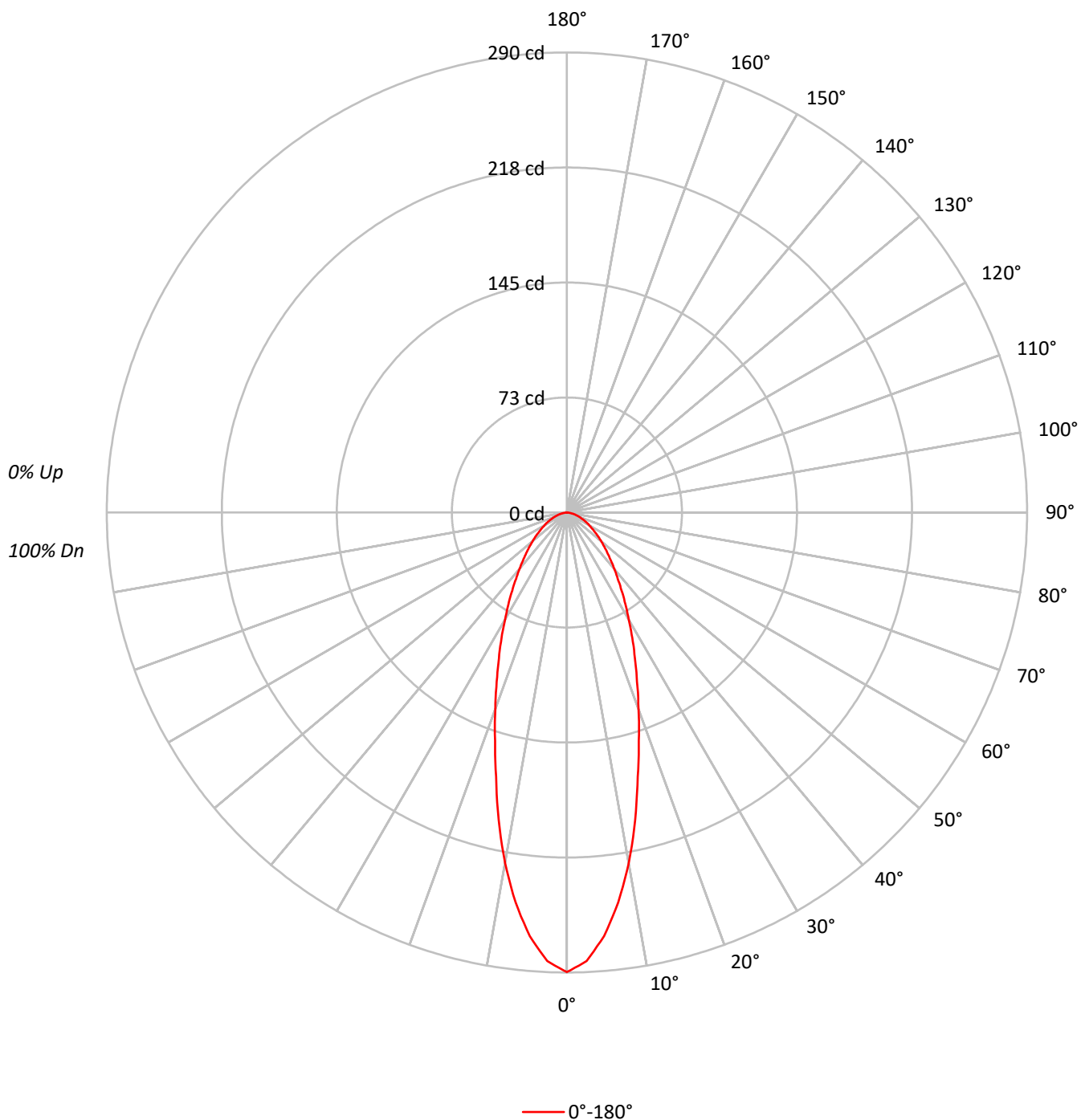
Lumens per Lamp: N/A
Luminaire Lumens: 224.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1286048

CATALOG NUMBER: P3AS02R209030D2WDE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1286048

CATALOG NUMBER: P3AS02R209030D2WDE010 E3PHLD1MW

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	79	96	88	82	78	85	81	77		83	79	75		81
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63526
5°	59014
10°	49966
15°	39115
20°	30779
25°	24534
30°	19725
35°	16088
40°	13311
45°	11226
50°	9620
55°	8258
60°	7192
65°	6330
70°	5450
75°	4745
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11226 cd/sqm

TEST NUMBER: P1286048

CATALOG NUMBER: P3AS02R209030D2WDE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.2	10.8
10°-20°	48.2	21.5
20°-30°	46.8	20.9
30°-40°	37.9	16.9
40°-50°	28.1	12.6
50°-60°	19.5	8.7
60°-70°	12.2	5.5
70°-80°	5.9	2.6
80°-90°	1.0	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°	119.3	53.3
0°-40°	157.1	70.2
0°-60°	204.8	91.4
0°-90°	224.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	224.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	290	
5°	268	24
15°	172	48
25°	101	47
35°	60	38
45°	36	28
55°	22	20
65°	12	12
75°	6	6
85°	1	1
90°	0	

TEST NUMBER: P1286048

CATALOG NUMBER: P3AS02R209030D2WDE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	289.7
2.5°	283.1
5°	268.1
7.5°	247.9
10°	224.4
12.5°	198.6
15°	172.3
17.5°	150.7
20°	131.9
22.5°	115.5
25°	101.4
27.5°	89.2
30°	77.9
32.5°	68.6
35°	60.1
37.5°	52.6
40°	46.5
42.5°	40.8
45°	36.2
47.5°	31.9
50°	28.2
52.5°	24.9
55°	21.6
57.5°	18.8
60°	16.4
62.5°	14.6
65°	12.2
67.5°	10.3
70°	8.5
72.5°	7.0
75°	5.6
77.5°	4.2
80°	2.8
82.5°	1.4
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)