

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: P1263391

Luminaire Tested: P3A20R259727D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259727D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

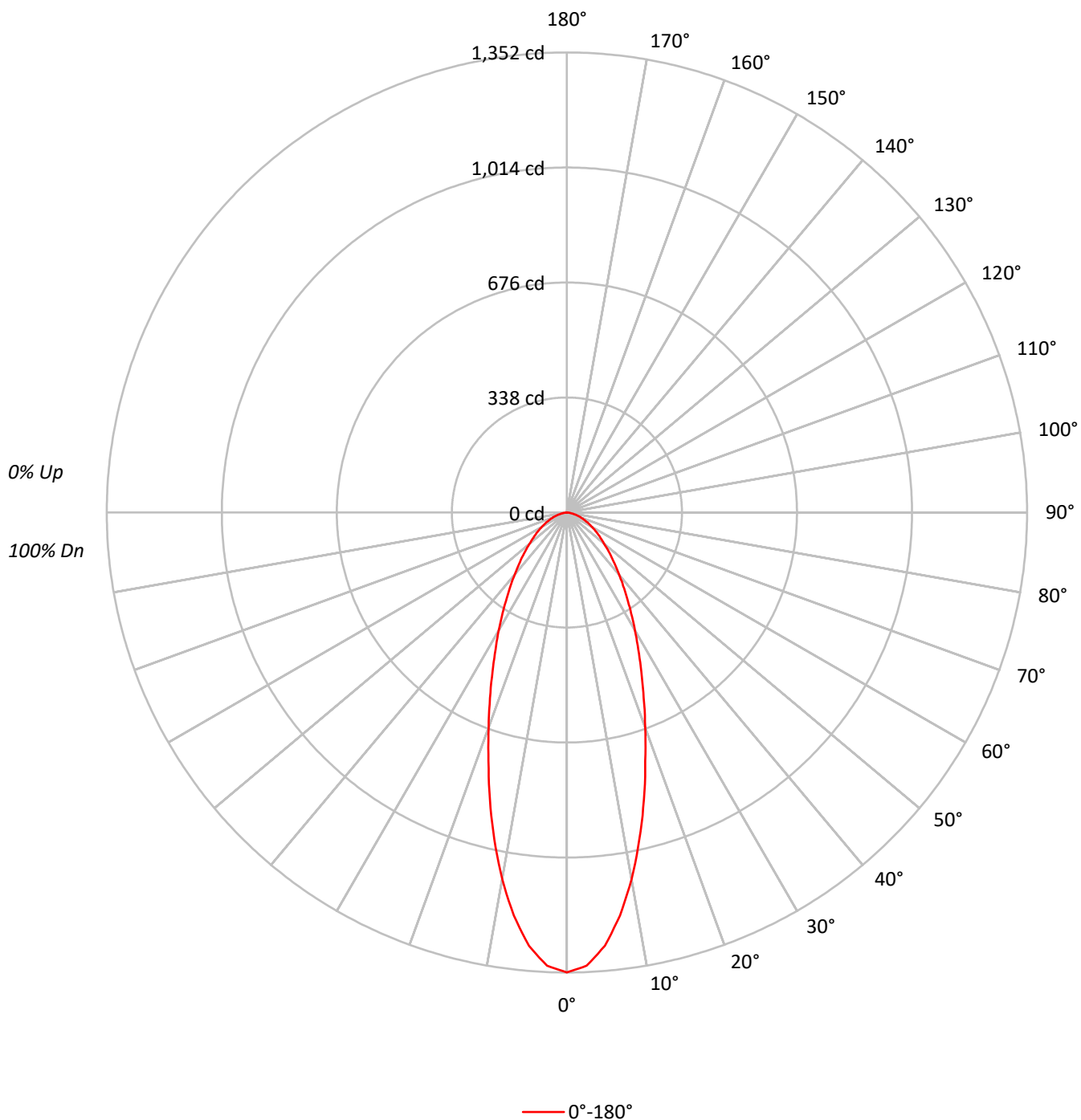
Lumens per Lamp: N/A
Luminaire Lumens: 1136.0 lumens
Efficiency: N/A
Efficacy: 39.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1263391

CATALOG NUMBER: P3A20R259727D010 E3PHLD1MW

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
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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	296402
5°	281355
10°	243683
15°	198389
20°	156767
25°	124991
30°	101332
35°	82530
40°	68385
45°	57618
50°	48749
55°	42933
60°	37629
65°	32844
70°	28787
75°	24231
80°	18058
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57618 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.1	10.2
10°-20°	242.3	21.3
20°-30°	238.9	21.0
30°-40°	194.4	17.1
40°-50°	144.3	12.7
50°-60°	100.7	8.9
60°-70°	63.1	5.6
70°-80°	30.4	2.7
80°-90°	5.8	0.5
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°	597.3	52.6
0°-40°	791.7	69.7
0°-60°	1036.7	91.3
0°-90°	1136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1136.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1352	
5°	1278	116
15°	874	242
25°	517	239
35°	308	194
45°	186	144
55°	112	101
65°	63	63
75°	29	30
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1351.7
2.5°	1333.3
5°	1278.2
7.5°	1194.5
10°	1094.4
12.5°	984.2
15°	873.9
17.5°	765.7
20°	671.8
22.5°	590.1
25°	516.6
27.5°	453.3
30°	400.2
32.5°	351.2
35°	308.3
37.5°	271.6
40°	238.9
42.5°	210.3
45°	185.8
47.5°	163.4
50°	142.9
52.5°	126.6
55°	112.3
57.5°	98.0
60°	85.8
62.5°	73.5
65°	63.3
67.5°	53.1
70°	44.9
72.5°	36.8
75°	28.6
77.5°	20.4
80°	14.3
82.5°	8.2
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)