

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: P1274005

Luminaire Tested: P3A13R259830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274005
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: P3A13R259830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

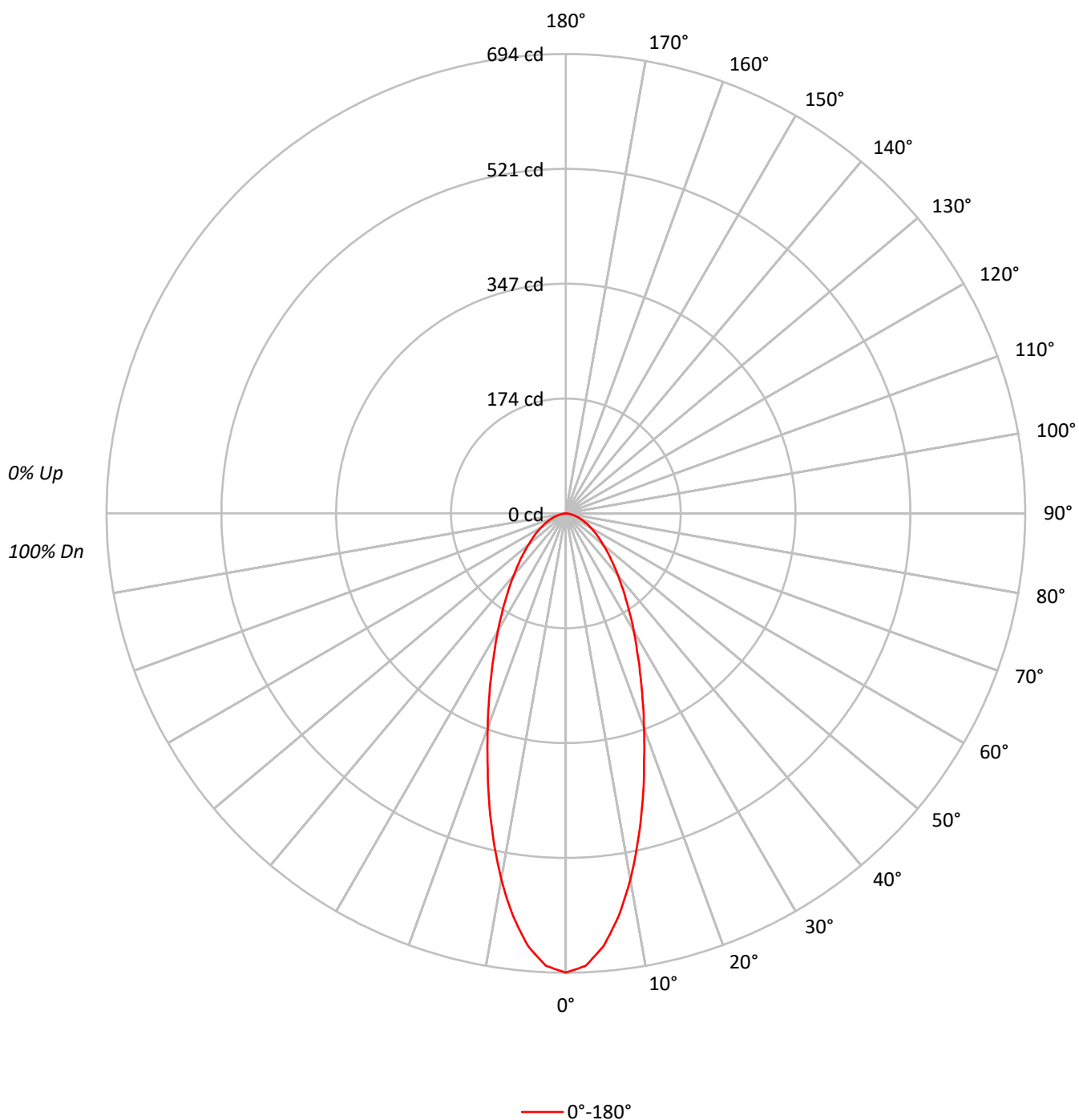
Lumens per Lamp: N/A
Luminaire Lumens: 583.0 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274005

CATALOG NUMBER: P3A13R259830DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274005

CATALOG NUMBER: P3A13R259830DE010 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	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°	152115
5°	144398
10°	125070
15°	101817
20°	80460
25°	64141
30°	52008
35°	42349
40°	35094
45°	29584
50°	25040
55°	22021
60°	19297
65°	16863
70°	14810
75°	12454
80°	9218
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29584 cd/sqm

TEST NUMBER: P1274005

CATALOG NUMBER: P3A13R259830DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.6	10.2
10°-20°	124.4	21.3
20°-30°	122.6	21.0
30°-40°	99.8	17.1
40°-50°	74.0	12.7
50°-60°	51.7	8.9
60°-70°	32.4	5.6
70°-80°	15.6	2.7
80°-90°	3.0	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°	306.5	52.6
0°-40°	406.3	69.7
0°-60°	532.0	91.3
0°-90°	583.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	583.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	694	
5°	656	60
15°	448	124
25°	265	123
35°	158	100
45°	95	74
55°	58	52
65°	32	32
75°	15	16
85°	2	3
90°	0	

TEST NUMBER: P1274005

CATALOG NUMBER: P3A13R259830DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	693.7
2.5°	684.3
5°	656.0
7.5°	613.0
10°	561.7
12.5°	505.1
15°	448.5
17.5°	393.0
20°	344.8
22.5°	302.8
25°	265.1
27.5°	232.6
30°	205.4
32.5°	180.2
35°	158.2
37.5°	139.4
40°	122.6
42.5°	107.9
45°	95.4
47.5°	83.8
50°	73.4
52.5°	65.0
55°	57.6
57.5°	50.3
60°	44.0
62.5°	37.7
65°	32.5
67.5°	27.2
70°	23.1
72.5°	18.9
75°	14.7
77.5°	10.5
80°	7.3
82.5°	4.2
85°	2.1
87.5°	1.0
90°	0.0

(END OF REPORT)