

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: P1276017

Luminaire Tested: P3AS13R159835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276017
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

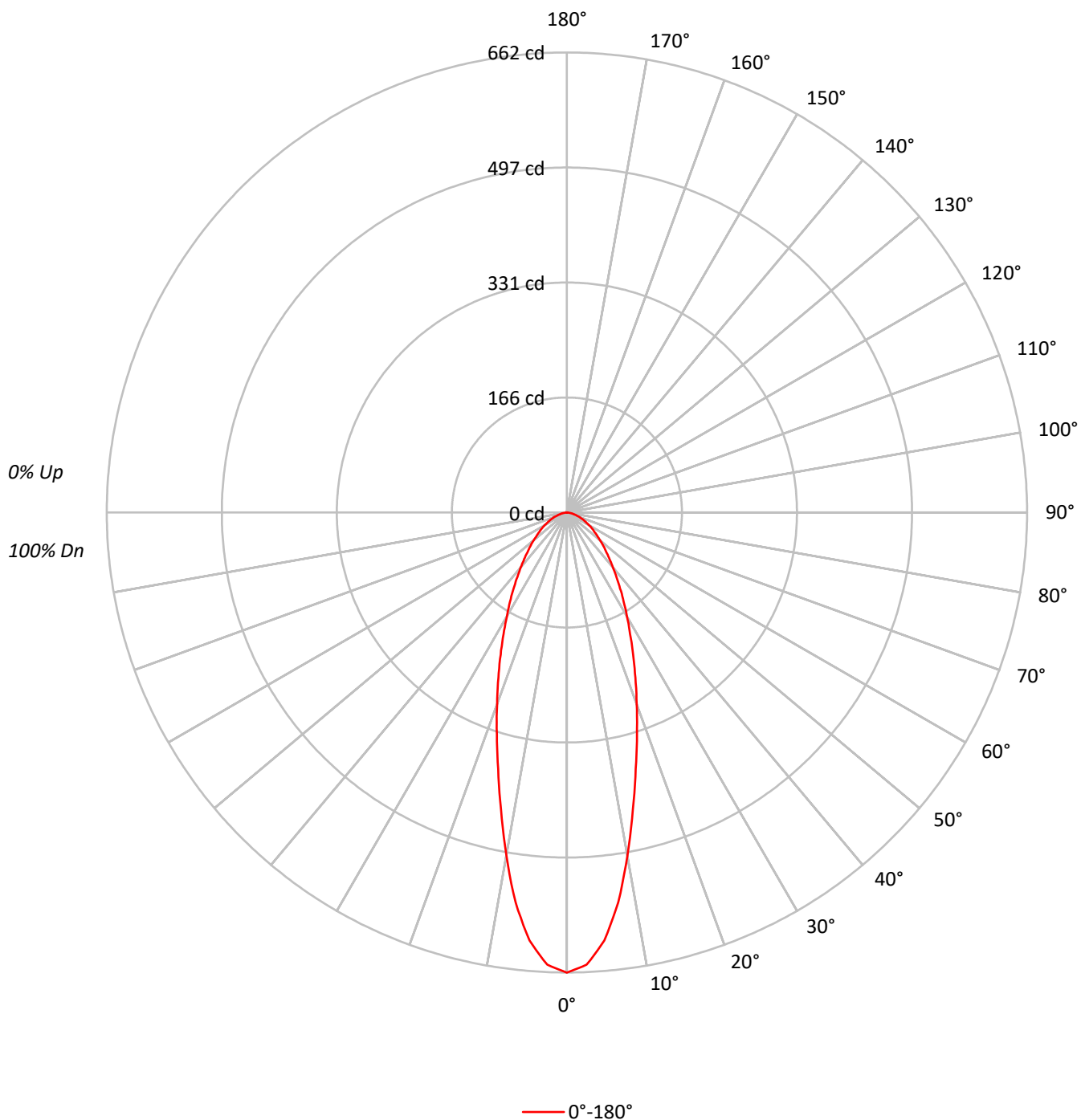
Lumens per Lamp: N/A
Luminaire Lumens: 499.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276017

CATALOG NUMBER: P3AS13R159835DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1276017

CATALOG NUMBER: P3AS13R159835DE010 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	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	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	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145208
5°	136121
10°	111621
15°	86720
20°	68443
25°	54560
30°	43779
35°	35737
40°	29455
45°	24778
50°	21287
55°	18427
60°	16314
65°	14217
70°	12630
75°	10167
80°	8334
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24778 cd/sqm

TEST NUMBER: P1276017

CATALOG NUMBER: P3AS13R159835DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.2	11.1
10°-20°	107.0	21.4
20°-30°	104.0	20.8
30°-40°	84.0	16.8
40°-50°	62.4	12.5
50°-60°	43.6	8.7
60°-70°	27.3	5.5
70°-80°	13.0	2.6
80°-90°	2.4	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°	266.2	53.4
0°-40°	350.3	70.2
0°-60°	456.3	91.4
0°-90°	499.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	499.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	662	
5°	618	55
15°	382	107
25°	226	104
35°	134	84
45°	80	62
55°	48	44
65°	27	27
75°	12	13
85°	2	2
90°	0	

TEST NUMBER: P1276017

CATALOG NUMBER: P3AS13R159835DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	662.2
2.5°	651.3
5°	618.4
7.5°	565.9
10°	501.3
12.5°	437.8
15°	382.0
17.5°	334.9
20°	293.3
22.5°	257.2
25°	225.5
27.5°	197.0
30°	172.9
32.5°	152.1
35°	133.5
37.5°	117.1
40°	102.9
42.5°	90.8
45°	79.9
47.5°	71.1
50°	62.4
52.5°	54.7
55°	48.2
57.5°	42.7
60°	37.2
62.5°	31.7
65°	27.4
67.5°	23.0
70°	19.7
72.5°	15.3
75°	12.0
77.5°	8.8
80°	6.6
82.5°	3.3
85°	2.2
87.5°	0.0
90°	0.0

(END OF REPORT)