

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: P1276362

Luminaire Tested: P3AS17R159835DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

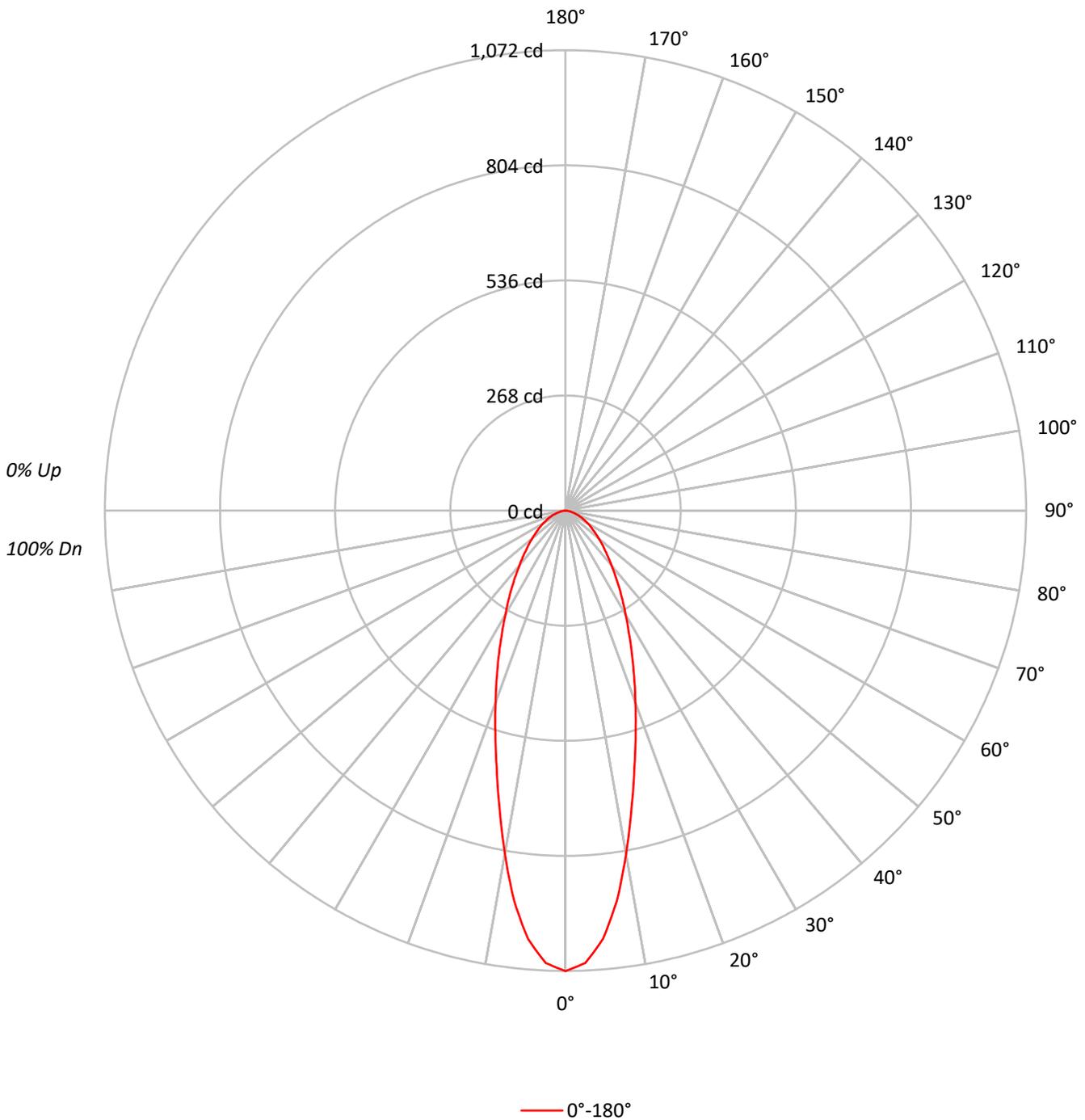
Test Method: LM-79-2019  
Report Number: P1276362  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R159835DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 807.9 lumens  
Efficiency: N/A  
Efficacy: 39.6 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): 20.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1276362  
CATALOG NUMBER: P3AS17R159835DE010 E3PHLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1276362  
 CATALOG NUMBER: P3AS17R159835DE010 E3PHLD1MW

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	95	93	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	87	85	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	81	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	70	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	65	60	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	61	56	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	58	53	49	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	54	49	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	52	47	43	42

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	235135
5°	220426
10°	180736
15°	140432
20°	110843
25°	88336
30°	70897
35°	57875
40°	47689
45°	40128
50°	34455
55°	29820
60°	26445
65°	22986
70°	20452
75°	16521
80°	13386
85°	8806

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 40128 cd/sqm



TEST NUMBER: P1276362

CATALOG NUMBER: P3AS17R159835DE010 E3PHLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.4	11.1
10°-20°	173.3	21.4
20°-30°	168.4	20.8
30°-40°	136.1	16.8
40°-50°	101.1	12.5
50°-60°	70.6	8.7
60°-70°	44.2	5.5
70°-80°	21.0	2.6
80°-90°	3.8	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°	431.1	53.4
0°-40°	567.2	70.2
0°-60°	738.9	91.4
0°-90°	807.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	807.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1072	
5°	1001	89
15°	619	173
25°	365	168
35°	216	136
45°	129	101
55°	78	71
65°	44	44
75°	20	21
85°	4	4
90°	0	



TEST NUMBER: P1276362  
CATALOG NUMBER: P3AS17R159835DE010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1072.3
2.5°	1054.6
5°	1001.4
7.5°	916.3
10°	811.7
12.5°	708.9
15°	618.6
17.5°	542.3
20°	475.0
22.5°	416.5
25°	365.1
27.5°	319.0
30°	280.0
32.5°	246.4
35°	216.2
37.5°	189.6
40°	166.6
42.5°	147.1
45°	129.4
47.5°	115.2
50°	101.0
52.5°	88.6
55°	78.0
57.5°	69.1
60°	60.3
62.5°	51.4
65°	44.3
67.5°	37.2
70°	31.9
72.5°	24.8
75°	19.5
77.5°	14.2
80°	10.6
82.5°	5.3
85°	3.5
87.5°	0.0
90°	0.0

(END OF REPORT)