

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: P1268547

Luminaire Tested: P3AS02R159740DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1268547  
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: P3AS02R159740DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

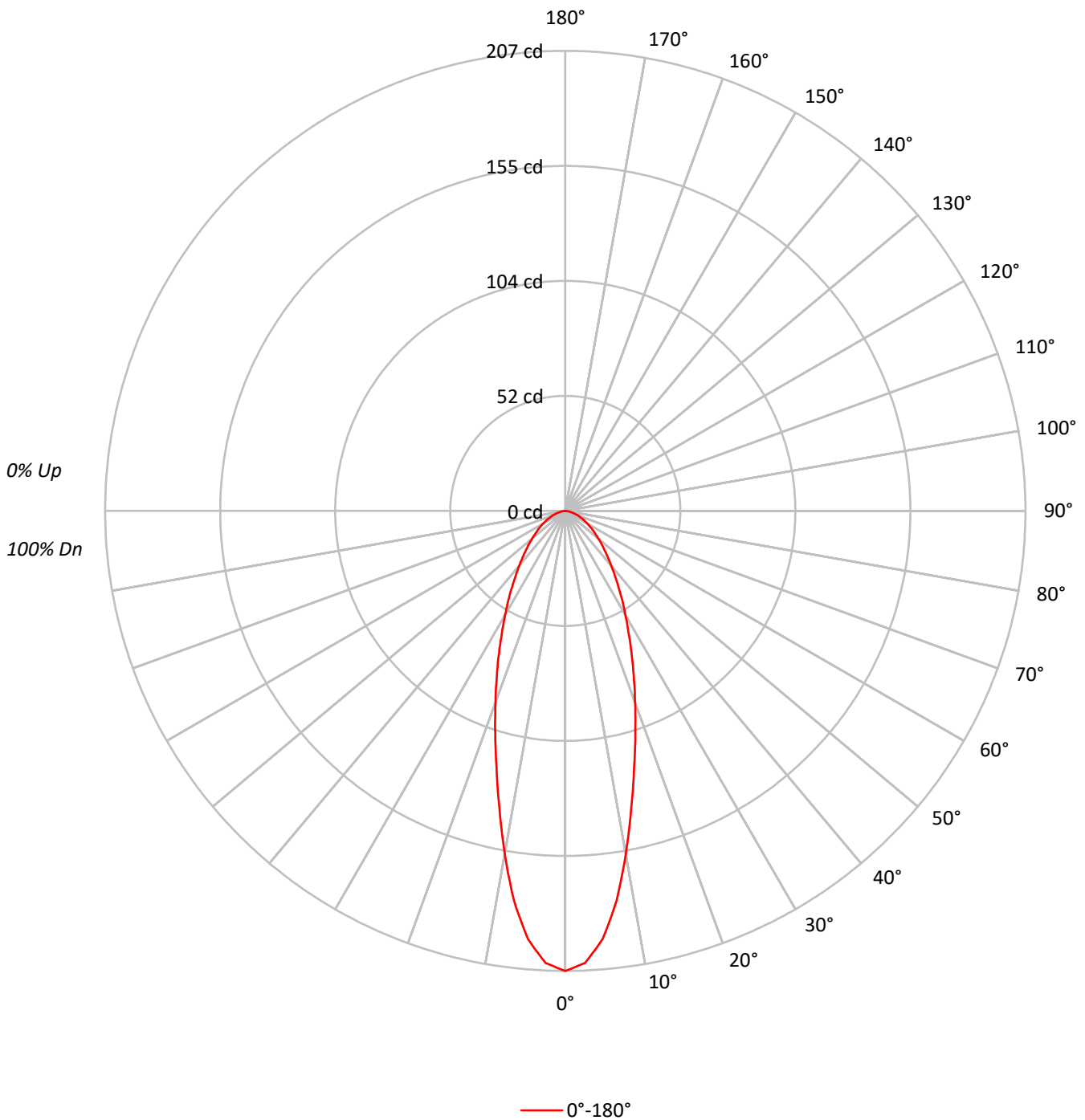
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 156.0 lumens  
Efficiency: N/A  
Efficacy: 43.3 lumens/watt  
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1268547  
CATALOG NUMBER: P3AS02R159740DE010 E3PHLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1268547  
 CATALOG NUMBER: P3AS02R159740DE010 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	100	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72	72	72	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55	55	55	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42	42	42	42

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

	0°
0°	45391
5°	42549
10°	34891
15°	27106
20°	21399
25°	17057
30°	13698
35°	11163
40°	9217
45°	7753
50°	6652
55°	5773
60°	5087
65°	4462
70°	3975
75°	3219
80°	2652
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7753 cd/sqm



TEST NUMBER: P1268547

CATALOG NUMBER: P3AS02R159740DE010 E3PHLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.3	11.1
10°-20°	33.4	21.4
20°-30°	32.5	20.8
30°-40°	26.3	16.8
40°-50°	19.5	12.5
50°-60°	13.6	8.7
60°-70°	8.6	5.5
70°-80°	4.1	2.6
80°-90°	0.7	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°	83.2	53.3
0°-40°	109.5	70.2
0°-60°	142.6	91.4
0°-90°	156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	156.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	207	
5°	193	17
15°	119	33
25°	70	33
35°	42	26
45°	25	20
55°	15	14
65°	9	9
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1268547  
CATALOG NUMBER: P3AS02R159740DE010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	207.0
2.5°	203.6
5°	193.3
7.5°	176.9
10°	156.7
12.5°	136.9
15°	119.4
17.5°	104.7
20°	91.7
22.5°	80.4
25°	70.5
27.5°	61.6
30°	54.1
32.5°	47.6
35°	41.7
37.5°	36.6
40°	32.2
42.5°	28.4
45°	25.0
47.5°	22.2
50°	19.5
52.5°	17.1
55°	15.1
57.5°	13.3
60°	11.6
62.5°	9.9
65°	8.6
67.5°	7.2
70°	6.2
72.5°	4.8
75°	3.8
77.5°	2.7
80°	2.1
82.5°	1.0
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)