

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: P1286367

Luminaire Tested: P3AS05R159030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

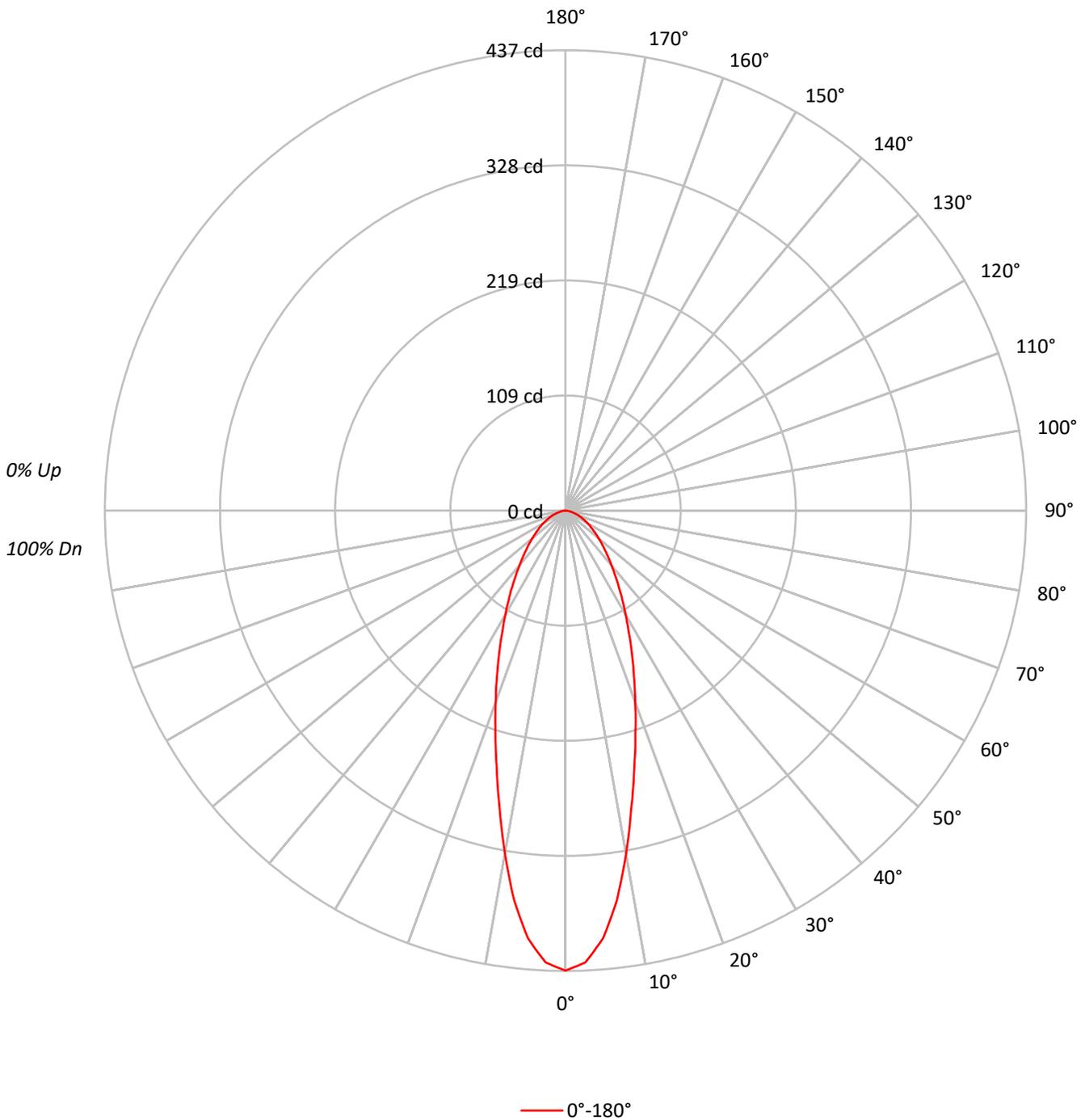
Test Method: LM-79-2019  
Report Number: P1286367  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R159030D2WDE010 E3PHLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 329.0 lumens  
Efficiency: N/A  
Efficacy: 29.6 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): 11.1  
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: P1286367  
CATALOG NUMBER: P3AS05R159030D2WDE010 E3PHLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1286367

CATALOG NUMBER: P3AS05R159030D2WDE010 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	84	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	71	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	47	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°	95738
5°	89742
10°	73590
15°	57185
20°	45131
25°	35978
30°	28865
35°	23557
40°	19408
45°	16343
50°	14021
55°	12157
60°	10745
65°	9340
70°	8335
75°	6693
80°	5430
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16343 cd/sqm



TEST NUMBER: P1286367

CATALOG NUMBER: P3AS05R159030D2WDE010 E3PHLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	36.4	11.1
10°-20°	70.5	21.4
20°-30°	68.6	20.8
30°-40°	55.4	16.8
40°-50°	41.1	12.5
50°-60°	28.7	8.7
60°-70°	18.0	5.5
70°-80°	8.5	2.6
80°-90°	1.6	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°	175.5	53.4
0°-40°	230.9	70.2
0°-60°	300.8	91.5
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	437	
5°	408	36
15°	252	71
25°	149	69
35°	88	55
45°	53	41
55°	32	29
65°	18	18
75°	8	9
85°	1	2
90°	0	



TEST NUMBER: P1286367  
CATALOG NUMBER: P3AS05R159030D2WDE010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	436.6
2.5°	429.4
5°	407.7
7.5°	373.1
10°	330.5
12.5°	288.7
15°	251.9
17.5°	220.8
20°	193.4
22.5°	169.6
25°	148.7
27.5°	129.9
30°	114.0
32.5°	100.3
35°	88.0
37.5°	77.2
40°	67.8
42.5°	59.9
45°	52.7
47.5°	46.9
50°	41.1
52.5°	36.1
55°	31.8
57.5°	28.1
60°	24.5
62.5°	20.9
65°	18.0
67.5°	15.2
70°	13.0
72.5°	10.1
75°	7.9
77.5°	5.8
80°	4.3
82.5°	2.2
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)