

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: P1286140

Luminaire Tested: P3AS02R359030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

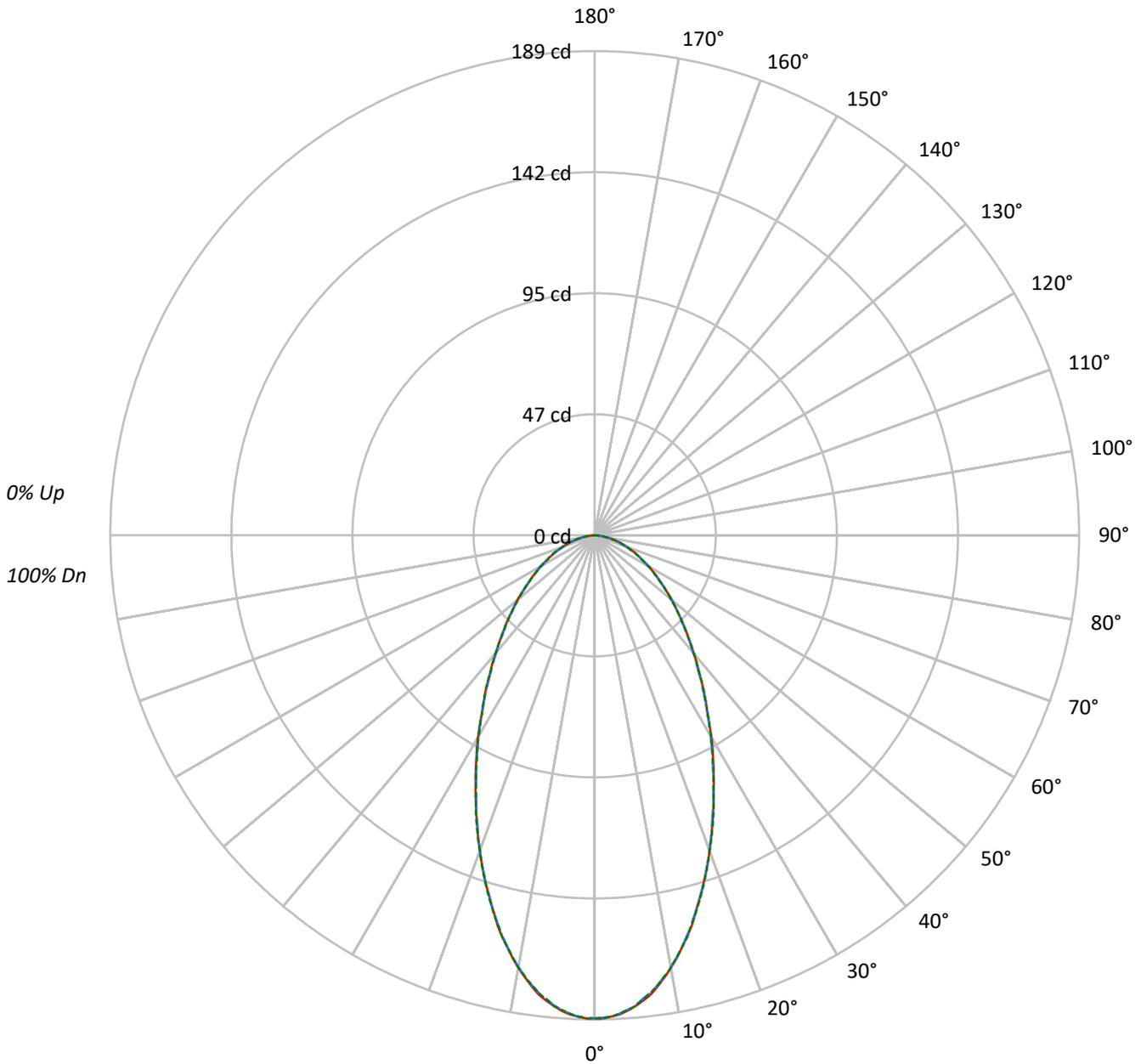
Test Method: LM-79-2019  
Report Number: P1286140  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R359030D2WDE010 E3PHLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 252.0 lumens  
Efficiency: N/A  
Efficacy: 35.0 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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: P1286140  
CATALOG NUMBER: P3AS02R359030D2WDE010 E3PHLD1MW

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°



TEST NUMBER: P1286140  
 CATALOG NUMBER: P3AS02R359030D2WDE010 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	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

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

	0°	45°	90°
0°	41356	41356	41356
5°	40590	40524	40590
10°	38165	38098	38165
15°	34552	34552	34620
20°	30593	30593	30593
25°	26590	26518	26518
30°	23067	22890	22966
35°	19863	19756	19863
40°	17232	17118	17232
45°	15133	15040	15040
50°	13441	13304	13304
55°	11813	11813	11813
60°	10701	10569	10701
65°	9599	9599	9599
70°	8527	8527	8527
75°	7710	7456	7710
80°	6566	6566	6566
85°	4026	4026	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15133 cd/sqm



TEST NUMBER: P1286140

CATALOG NUMBER: P3AS02R359030D2WDE010 E3PHLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.2	6.8
10°-20°	42.5	16.8
20°-30°	50.4	20.0
30°-40°	46.4	18.4
40°-50°	37.7	14.9
50°-60°	27.8	11.1
60°-70°	18.4	7.3
70°-80°	9.5	3.8
80°-90°	2.2	0.9
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
<b>0°-30°</b>	<b>110.1</b>	<b>43.7</b>
<b>0°-40°</b>	<b>156.4</b>	<b>62.1</b>
<b>0°-60°</b>	<b>221.9</b>	<b>88.1</b>
<b>0°-90°</b>	<b>252.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>252.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	189	189	189	189	189	
5°	184	184	184	184	184	17
15°	152	152	152	152	152	42
25°	110	110	110	110	110	51
35°	74	74	74	74	74	46
45°	49	48	48	48	48	38
55°	31	31	31	31	31	28
65°	18	18	18	18	18	18
75°	9	9	9	9	9	10
85°	2	2	2	2	2	2
90°	0	0	0	0	0	



TEST NUMBER: P1286140

CATALOG NUMBER: P3AS02R359030D2WDE010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	188.6	188.6	188.6	188.6	188.6
1°	188.6	188.3	188.3	188.3	188.6
2°	188.0	188.0	188.0	188.0	188.0
3°	187.3	187.0	187.0	187.0	187.0
4°	186.0	185.7	185.7	185.7	185.7
5°	184.4	184.1	184.1	184.1	184.4
6°	182.5	182.1	181.8	181.8	182.1
7°	180.5	179.9	179.9	179.9	179.9
8°	177.6	177.2	177.2	177.2	177.2
9°	174.6	174.0	174.3	174.3	174.3
10°	171.4	171.1	171.1	171.1	171.4
11°	168.1	167.8	167.8	167.5	167.8
12°	164.2	164.2	164.2	164.2	164.2
13°	160.7	160.3	160.3	160.3	160.7
14°	156.8	156.4	156.4	156.4	156.4
15°	152.2	152.2	152.2	152.2	152.5
17.5°	141.8	141.5	141.8	141.8	142.1
20°	131.1	130.7	131.1	131.1	131.1
22.5°	120.3	120.3	120.0	120.3	120.7
25°	109.9	109.6	109.6	109.9	109.6
27.5°	100.2	99.8	99.8	99.8	99.8
30°	91.1	90.4	90.4	90.7	90.7
32.5°	81.6	81.6	82.0	81.6	81.6
35°	74.2	73.8	73.8	74.2	74.2
37.5°	66.7	66.3	66.3	66.7	66.7
40°	60.2	60.2	59.8	60.2	60.2
42.5°	54.0	54.0	54.0	54.0	54.0
45°	48.8	48.5	48.5	48.5	48.5
47.5°	43.6	43.6	43.6	43.3	43.6
50°	39.4	39.0	39.0	39.0	39.0
52.5°	34.8	34.8	34.8	34.8	34.8
55°	30.9	30.9	30.9	30.9	30.9
57.5°	27.6	27.3	27.3	27.3	27.3
60°	24.4	24.4	24.1	24.4	24.4
62.5°	21.1	21.1	21.1	21.1	21.1
65°	18.5	18.5	18.5	18.5	18.5
67.5°	15.9	15.9	15.9	15.9	15.9
70°	13.3	13.3	13.3	13.3	13.3
72.5°	11.4	11.1	11.1	11.1	11.1
75°	9.1	9.1	8.8	9.1	9.1
77.5°	6.8	6.8	6.8	6.8	6.8
80°	5.2	5.2	5.2	4.9	5.2
82.5°	3.3	3.3	3.3	3.3	3.3
85°	1.6	1.6	1.6	1.6	1.6
87.5°	0.3	0.3	0.3	0.7	0.7



TEST NUMBER: P1286140  
CATALOG NUMBER: P3AS02R359030D2WDE010 E3PHLD1MW

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)