

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: P1275072

Luminaire Tested: P3AS02R309835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275072
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

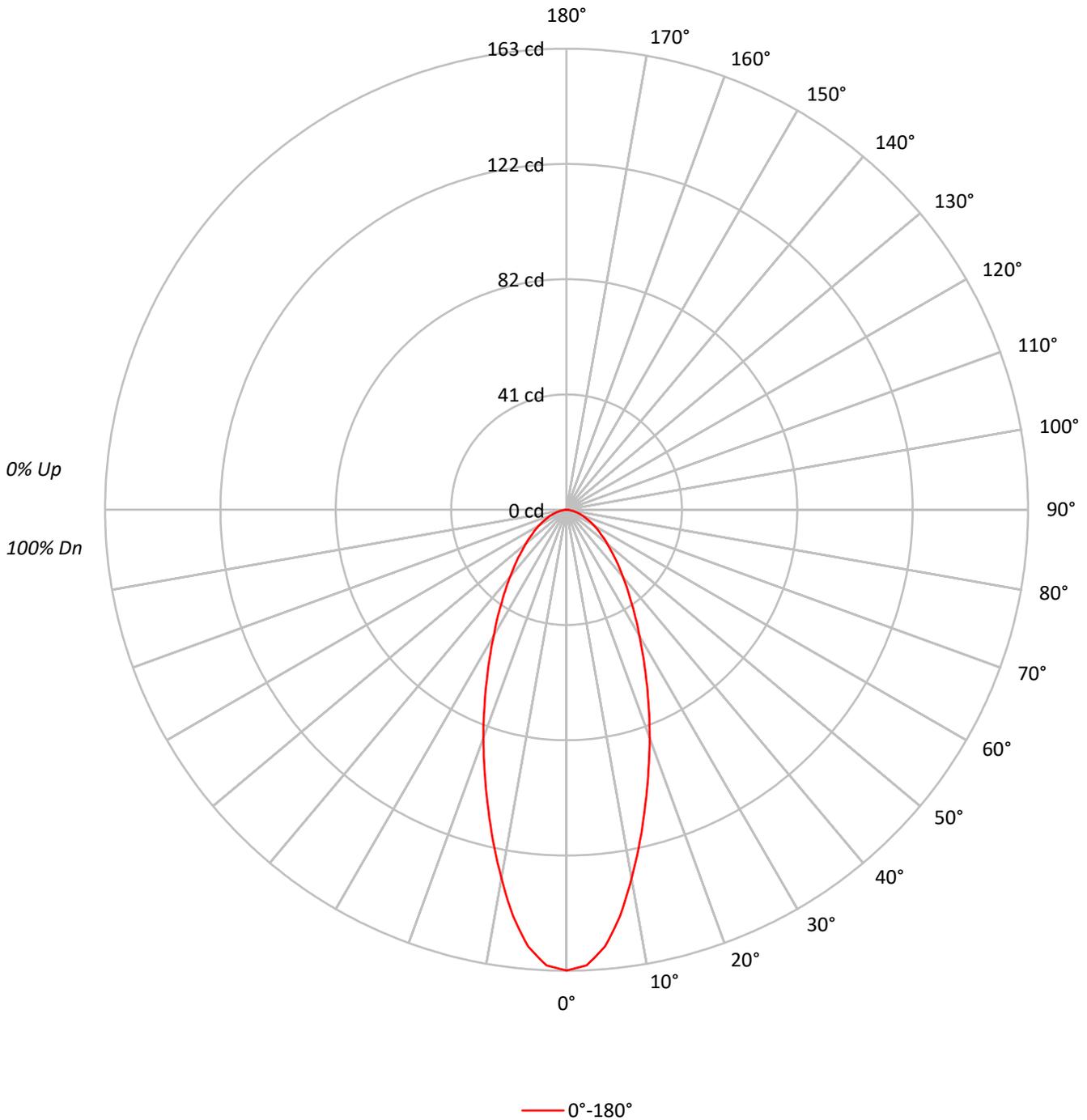
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 145.0 lumens
Efficiency: N/A
Efficacy: 40.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
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: P1275072
CATALOG NUMBER: P3AS02R309835DE010 E3PHLD1MW

Luminous Intensity Polar Plot





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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90		
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71		
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65		
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59		
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54		
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50		
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46		
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43		
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35721
5°	34140
10°	29458
15°	24427
20°	20022
25°	16138
30°	13015
35°	10654
40°	8845
45°	7505
50°	6413
55°	5543
60°	4956
65°	4307
70°	3783
75°	3219
80°	2399
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7505 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	9.7
10°-20°	30.0	20.7
20°-30°	30.7	21.2
30°-40°	25.1	17.3
40°-50°	18.8	13.0
50°-60°	13.2	9.1
60°-70°	8.3	5.7
70°-80°	4.0	2.8
80°-90°	0.8	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°	74.8	51.6
0°-40°	99.9	68.9
0°-60°	131.9	91.0
0°-90°	145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	163	
5°	155	14
15°	108	30
25°	67	31
35°	40	25
45°	24	19
55°	14	13
65°	8	8
75°	4	4
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	162.9
2.5°	161.3
5°	155.1
7.5°	144.9
10°	132.3
12.5°	119.9
15°	107.6
17.5°	96.3
20°	85.8
22.5°	75.8
25°	66.7
27.5°	58.6
30°	51.4
32.5°	45.4
35°	39.8
37.5°	35.2
40°	30.9
42.5°	27.4
45°	24.2
47.5°	21.2
50°	18.8
52.5°	16.7
55°	14.5
57.5°	12.9
60°	11.3
62.5°	9.7
65°	8.3
67.5°	7.0
70°	5.9
72.5°	4.8
75°	3.8
77.5°	2.7
80°	1.9
82.5°	1.1
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)