

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: P1286426

Luminaire Tested: P3AS05R259030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286426
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

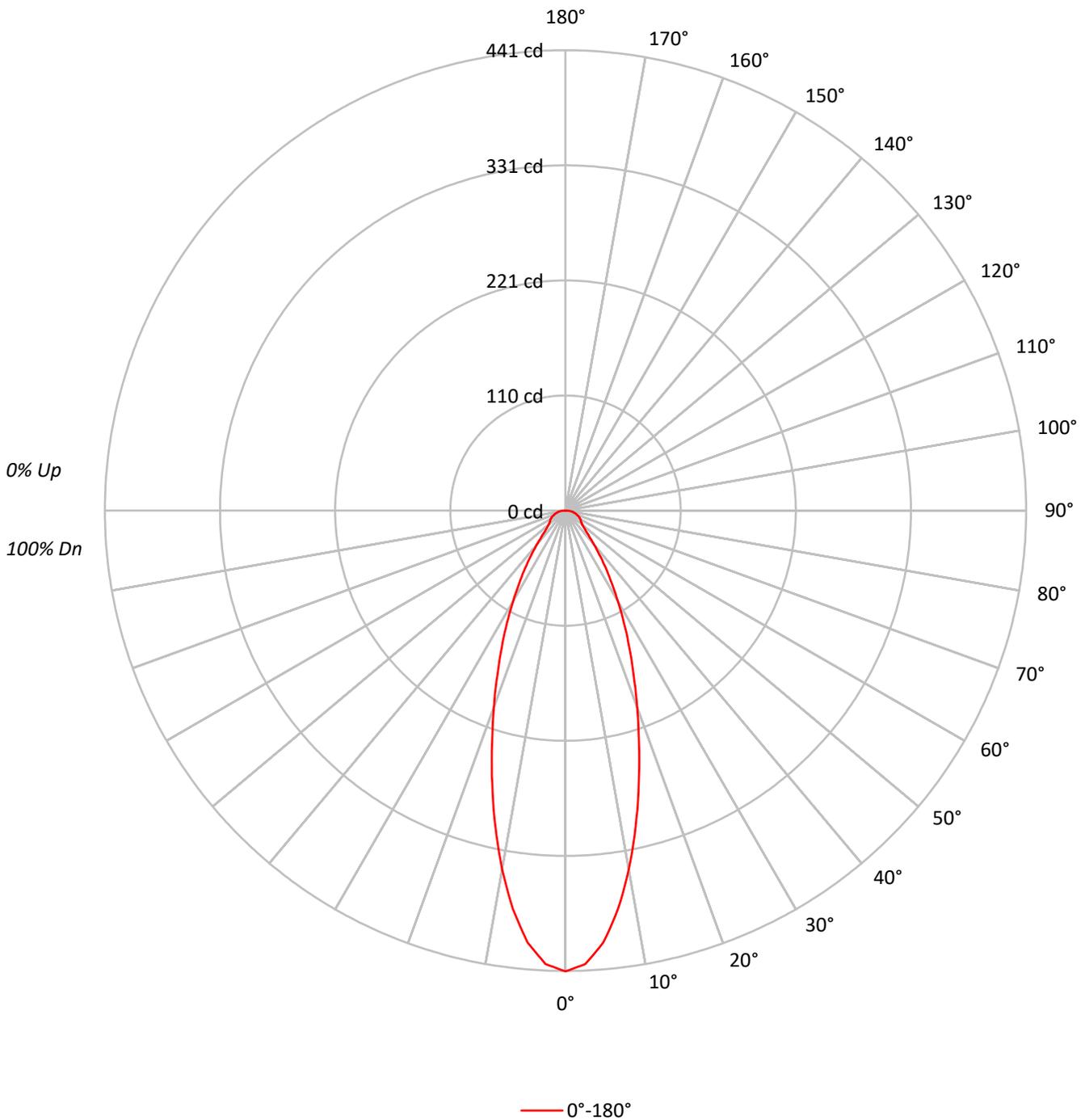
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 288.0 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
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: P1286426
CATALOG NUMBER: P3AS05R259030D2WDE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1286426
 CATALOG NUMBER: P3AS05R259030D2WDE010 E3PHLP1MW

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	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68	68	68	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63	63	63	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96769
5°	91415
10°	77710
15°	61544
20°	46787
25°	34889
30°	25371
35°	17962
40°	12166
45°	8497
50°	7130
55°	6881
60°	7280
65°	7472
70°	7373
75°	7964
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 9744 cd/sqm



TEST NUMBER: P1286426

CATALOG NUMBER: P3AS05R259030D2WDE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	13.0
10°-20°	75.0	26.1
20°-30°	66.4	23.1
30°-40°	42.3	14.7
40°-50°	22.4	7.8
50°-60°	16.5	5.7
60°-70°	14.0	4.9
70°-80°	9.9	3.4
80°-90°	3.9	1.4
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°	179.0	62.2
0°-40°	221.3	76.9
0°-60°	260.2	90.3
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	441	
5°	415	37
15°	271	75
25°	144	66
35°	67	42
45°	27	22
55°	18	16
65°	14	14
75°	9	10
85°	4	4
90°	0	



TEST NUMBER: P1286426
CATALOG NUMBER: P3AS05R259030D2WDE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	441.3
2.5°	434.8
5°	415.3
7.5°	385.1
10°	349.0
12.5°	310.1
15°	271.1
17.5°	233.6
20°	200.5
22.5°	170.2
25°	144.2
27.5°	121.1
30°	100.2
32.5°	82.2
35°	67.1
37.5°	53.4
40°	42.5
42.5°	33.9
45°	27.4
47.5°	23.8
50°	20.9
52.5°	19.5
55°	18.0
57.5°	17.3
60°	16.6
62.5°	15.1
65°	14.4
67.5°	13.0
70°	11.5
72.5°	10.8
75°	9.4
77.5°	7.9
80°	7.2
82.5°	5.8
85°	3.6
87.5°	1.4
90°	0.0

(END OF REPORT)