

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: P1255063

Luminaire Tested: P3AS17R309035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255063
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

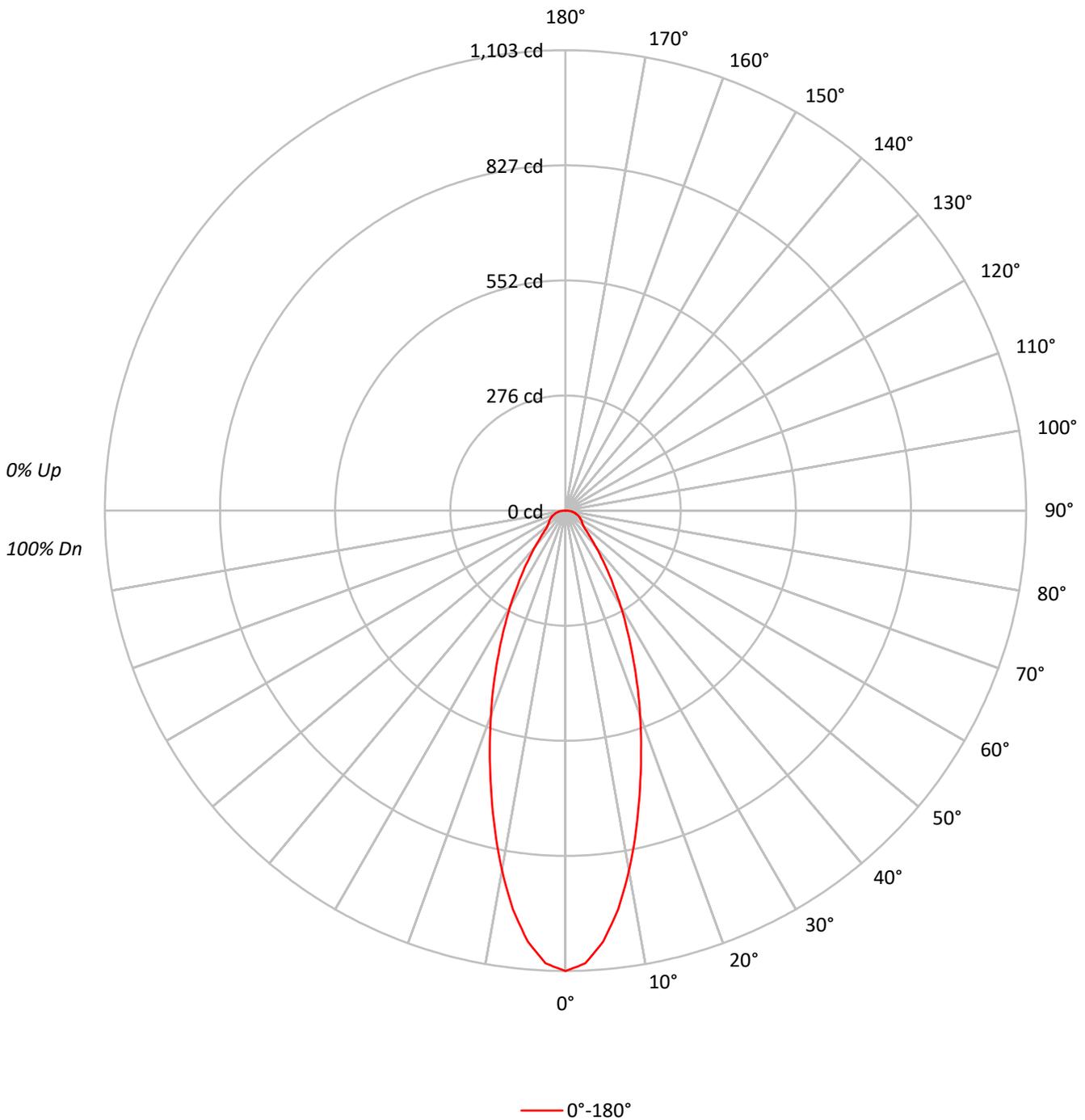
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 745.0 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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: P1255063
CATALOG NUMBER: P3AS17R309035DE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1255063

CATALOG NUMBER: P3AS17R309035DE010 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	94	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	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241889
5°	228087
10°	194964
15°	156232
20°	121787
25°	91578
30°	66795
35°	47087
40°	32289
45°	23134
50°	18899
55°	18274
60°	18463
65°	18835
70°	19619
75°	21096
80°	21720
85°	24153

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 25704 cd/sqm



TEST NUMBER: P1255063
 CATALOG NUMBER: P3AS17R309035DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.8	12.6
10°-20°	191.2	25.7
20°-30°	174.3	23.4
30°-40°	110.9	14.9
40°-50°	59.4	8.0
50°-60°	43.4	5.8
60°-70°	36.4	4.9
70°-80°	25.5	3.4
80°-90°	10.1	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°	459.2	61.6
0°-40°	570.1	76.5
0°-60°	672.9	90.3
0°-90°	745.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	745.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1103	
5°	1036	94
15°	688	191
25°	378	174
35°	176	111
45°	75	59
55°	48	43
65°	36	36
75°	25	25
85°	10	10
90°	0	



TEST NUMBER: P1255063
CATALOG NUMBER: P3AS17R309035DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1103.1
2.5°	1085.9
5°	1036.2
7.5°	963.5
10°	875.6
12.5°	781.9
15°	688.2
17.5°	602.2
20°	521.9
22.5°	447.4
25°	378.5
27.5°	317.4
30°	263.8
32.5°	214.1
35°	175.9
37.5°	139.6
40°	112.8
42.5°	89.9
45°	74.6
47.5°	61.2
50°	55.4
52.5°	51.6
55°	47.8
57.5°	45.9
60°	42.1
62.5°	40.1
65°	36.3
67.5°	34.4
70°	30.6
72.5°	26.8
75°	24.9
77.5°	21.0
80°	17.2
82.5°	15.3
85°	9.6
87.5°	3.8
90°	0.0

(END OF REPORT)