

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: P1254687

Luminaire Tested: P3AS13R309035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254687
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: P3AS13R309035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

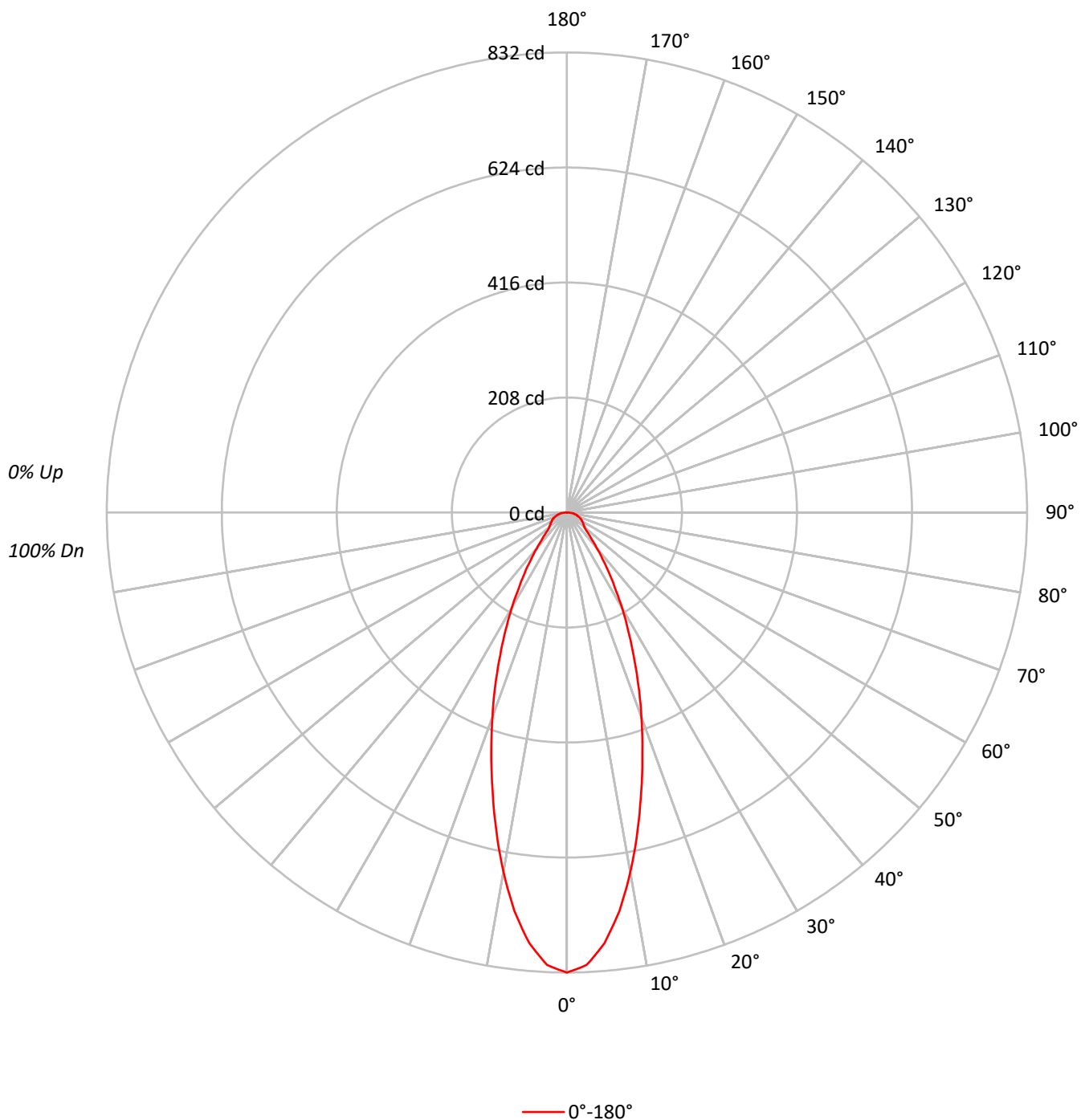
Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 38.5 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1254687

CATALOG NUMBER: P3AS13R309035DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1254687

CATALOG NUMBER: P3AS13R309035DE010 E3PHLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182463
5°	172066
10°	147069
15°	117867
20°	91871
25°	69077
30°	50387
35°	35523
40°	24360
45°	17428
50°	14260
55°	13801
60°	13902
65°	14217
70°	14810
75°	15843
80°	16416
85°	18115

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 19320 cd/sqm

TEST NUMBER: P1254687

CATALOG NUMBER: P3AS13R309035DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	12.6
10°-20°	144.3	25.7
20°-30°	131.4	23.4
30°-40°	83.7	14.9
40°-50°	44.8	8.0
50°-60°	32.7	5.8
60°-70°	27.5	4.9
70°-80°	19.2	3.4
80°-90°	7.6	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°	346.4	61.6
0°-40°	430.1	76.5
0°-60°	507.6	90.3
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	832	
5°	782	71
15°	519	144
25°	286	131
35°	133	84
45°	56	45
55°	36	33
65°	27	28
75°	19	19
85°	7	8
90°	0	

TEST NUMBER: P1254687

CATALOG NUMBER: P3AS13R309035DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	832.1
2.5°	819.2
5°	781.7
7.5°	726.9
10°	660.5
12.5°	589.8
15°	519.2
17.5°	454.3
20°	393.7
22.5°	337.5
25°	285.5
27.5°	239.4
30°	199.0
32.5°	161.5
35°	132.7
37.5°	105.3
40°	85.1
42.5°	67.8
45°	56.2
47.5°	46.1
50°	41.8
52.5°	38.9
55°	36.1
57.5°	34.6
60°	31.7
62.5°	30.3
65°	27.4
67.5°	26.0
70°	23.1
72.5°	20.2
75°	18.7
77.5°	15.9
80°	13.0
82.5°	11.5
85°	7.2
87.5°	2.9
90°	0.0

(END OF REPORT)