

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: P1269748

Luminaire Tested: P3AS13R159740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269748
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

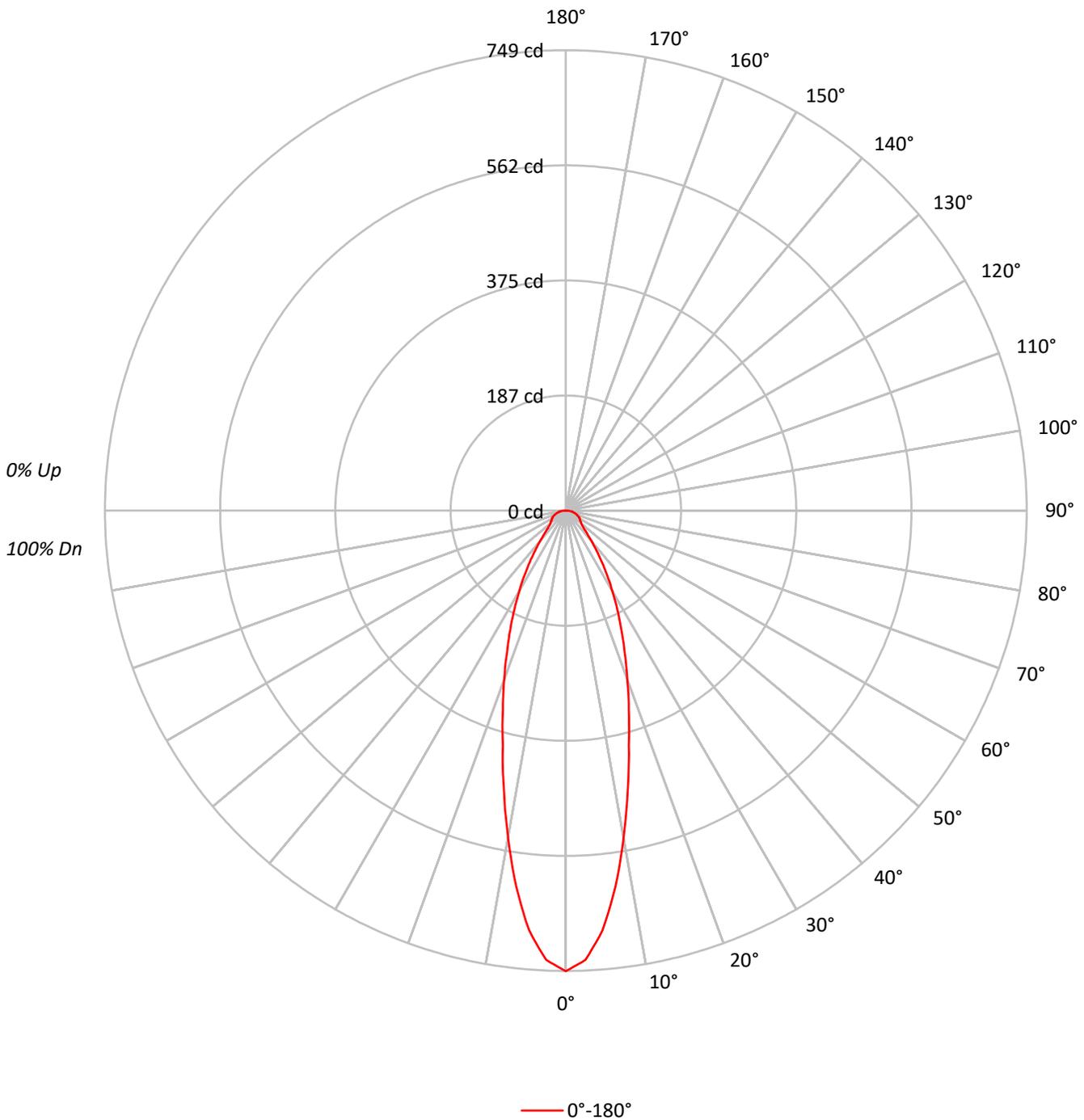
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 439.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
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: P1269748
CATALOG NUMBER: P3AS13R159740DE010 E3PHLP1MW

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	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	100	102	99	97	98	96	94	95	93	92	90	90	90	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	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	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	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°	164307
5°	150869
10°	120216
15°	89830
20°	68233
25°	51656
30°	38234
35°	27305
40°	18692
45°	13087
50°	11121
55°	10934
60°	11315
65°	11986
70°	12182
75°	12709
80°	13764
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 15960 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	13.8
10°-20°	111.0	25.3
20°-30°	98.3	22.4
30°-40°	64.4	14.7
40°-50°	34.4	7.8
50°-60°	26.0	5.9
60°-70°	22.4	5.1
70°-80°	15.4	3.5
80°-90°	6.3	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°	270.0	61.5
0°-40°	334.5	76.2
0°-60°	394.9	90.0
0°-90°	439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	439.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	749	
5°	685	61
15°	396	111
25°	214	98
35°	102	64
45°	42	34
55°	29	26
65°	23	22
75°	15	15
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	749.3
2.5°	731.6
5°	685.4
7.5°	617.4
10°	539.9
12.5°	465.1
15°	395.7
17.5°	340.0
20°	292.4
22.5°	250.2
25°	213.5
27.5°	180.9
30°	151.0
32.5°	125.1
35°	102.0
37.5°	81.6
40°	65.3
42.5°	51.7
45°	42.2
47.5°	36.7
50°	32.6
52.5°	31.3
55°	28.6
57.5°	27.2
60°	25.8
62.5°	24.5
65°	23.1
67.5°	20.4
70°	19.0
72.5°	16.3
75°	15.0
77.5°	12.2
80°	10.9
82.5°	9.5
85°	5.4
87.5°	2.7
90°	0.0

(END OF REPORT)