

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: P1251916

Luminaire Tested: P3AS13R209030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

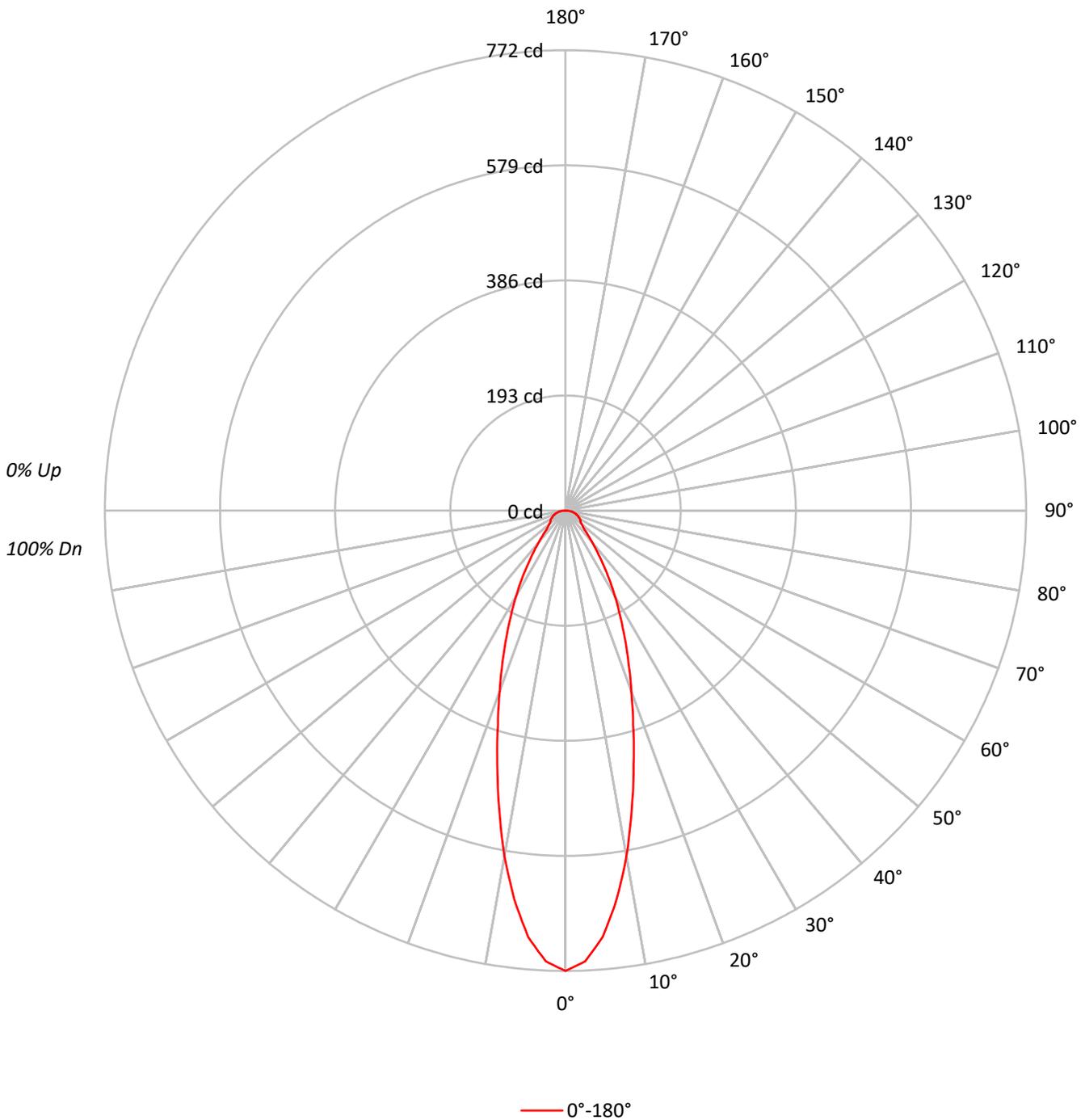
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 475.9 lumens
Efficiency: N/A
Efficacy: 32.6 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1251916
CATALOG NUMBER: P3AS13R209030DE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1251916
 CATALOG NUMBER: P3AS13R209030DE010 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	62	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	64	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	51	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169263
5°	157891
10°	131015
15°	100182
20°	75187
25°	56616
30°	41855
35°	29259
40°	20038
45°	13893
50°	11940
55°	11775
60°	12280
65°	12349
70°	12566
75°	13047
80°	14143
85°	14089

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 16464 cd/sqm



TEST NUMBER: P1251916
 CATALOG NUMBER: P3AS13R209030DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	13.5
10°-20°	122.7	25.8
20°-30°	107.9	22.7
30°-40°	69.7	14.6
40°-50°	36.9	7.8
50°-60°	27.7	5.8
60°-70°	23.6	5.0
70°-80°	16.6	3.5
80°-90°	6.5	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°	294.9	62.0
0°-40°	364.6	76.6
0°-60°	429.2	90.2
0°-90°	475.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	475.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	772	
5°	717	64
15°	441	123
25°	234	108
35°	109	70
45°	45	37
55°	31	28
65°	24	24
75°	15	17
85°	6	6
90°	0	

TEST NUMBER: P1251916
CATALOG NUMBER: P3AS13R209030DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	771.9
2.5°	756.5
5°	717.3
7.5°	657.1
10°	588.4
12.5°	512.8
15°	441.3
17.5°	376.9
20°	322.2
22.5°	276.0
25°	234.0
27.5°	197.5
30°	165.3
32.5°	135.9
35°	109.3
37.5°	88.3
40°	70.0
42.5°	56.0
45°	44.8
47.5°	39.2
50°	35.0
52.5°	32.2
55°	30.8
57.5°	29.4
60°	28.0
62.5°	25.2
65°	23.8
67.5°	22.4
70°	19.6
72.5°	18.2
75°	15.4
77.5°	14.0
80°	11.2
82.5°	9.8
85°	5.6
87.5°	2.8
90°	0.0

(END OF REPORT)