

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: P1257420

Luminaire Tested: P3AS13R359040DE010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257420
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359040DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

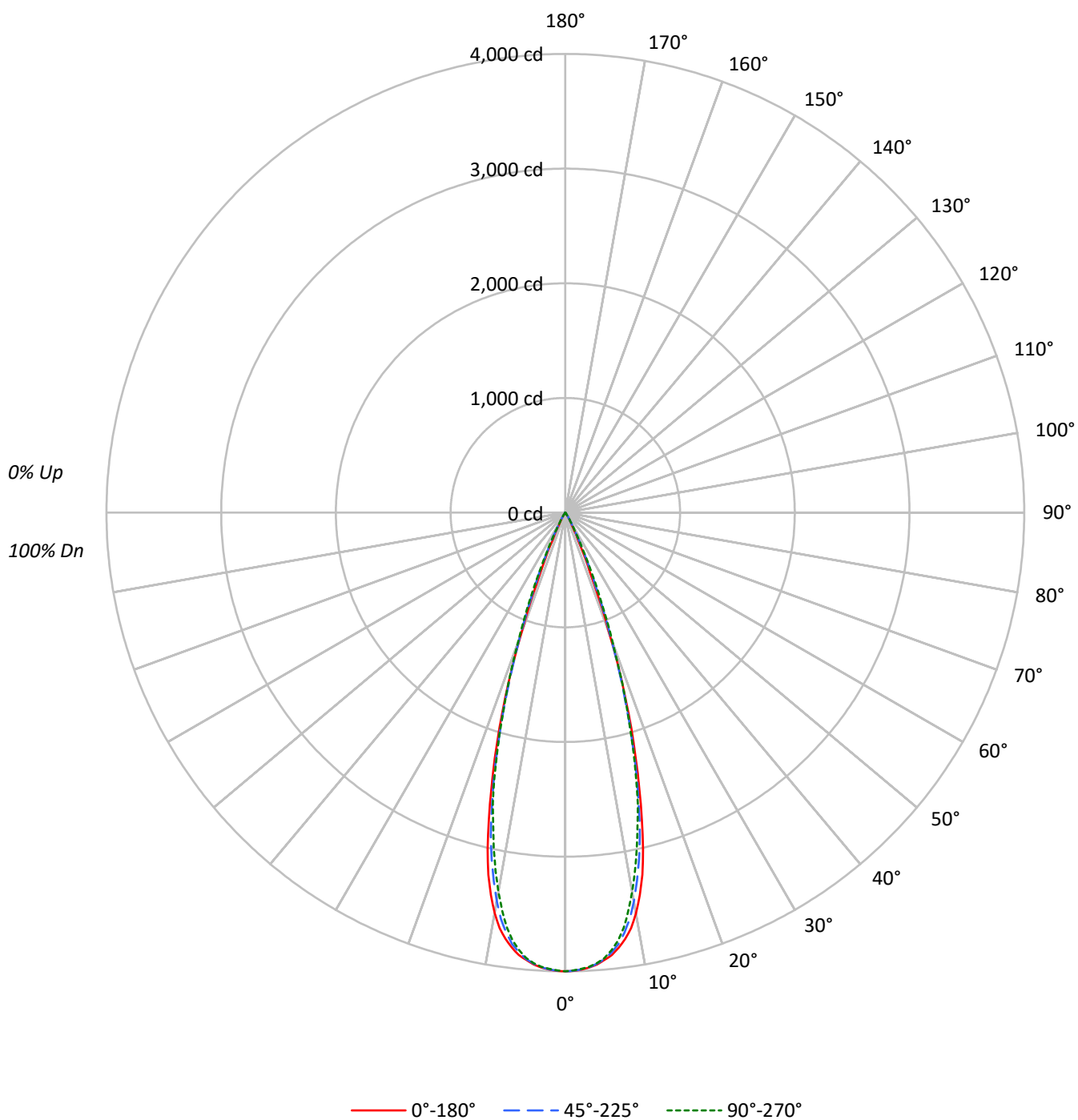
Lumens per Lamp: N/A
Luminaire Lumens: 1214.0 lumens
Efficiency: N/A
Efficacy: 83.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257420

CATALOG NUMBER: P3AS13R359040DE010 E3PH1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1257420

CATALOG NUMBER: P3AS13R359040DE010 E3PH1MW

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	115	113	111	109	113	111	109	108		107	106	104			103	102	101			100
2	111	108	105	102	109	106	103	101		103	101	99			100	98	97			97
3	108	103	100	97	106	102	99	96		99	97	94			97	95	93			95
4	104	99	95	92	103	98	94	92		96	93	91			94	92	90			93
5	101	95	91	88	100	95	91	88		93	90	87			92	89	87			90
6	98	92	88	85	97	91	88	85		90	87	84			89	86	84			88
7	96	89	85	82	94	89	85	82		87	84	81			86	83	81			85
8	93	86	82	79	92	86	82	79		85	81	79			84	81	79			83
9	90	84	80	77	89	83	79	77		82	79	76			82	79	76			81
10	88	81	77	75	87	81	77	74		80	77	74			80	76	74			79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	877057	877057	877057
5°	862005	860156	858307
10°	790010	766252	747637
15°	565679	547654	541002
20°	262313	271344	280864
25°	62229	88554	92352
30°	18281	20915	23573
35°	4203	6719	6157
40°	887	1803	1202
45°	310	310	310
50°	341	0	341
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 360 cd/sqm

TEST NUMBER: P1257420

CATALOG NUMBER: P3AS13R359040DE010 E3PH1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	359.1	29.6
10°-20°	642.0	52.9
20°-30°	193.1	15.9
30°-40°	18.5	1.5
40°-50°	1.2	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1194.2	98.4
0°-40°	1212.7	99.9
0°-60°	1214.0	100.0
0°-90°	1214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1214.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4000	4000	4000	4000	4000	
5°	3916	3915	3908	3902	3899	363
15°	2492	2473	2412	2402	2383	658
25°	257	283	366	382	382	166
35°	16	21	25	27	23	14
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1257420

CATALOG NUMBER: P3AS13R359040DE010 E3PH1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3999.7	3999.7	3999.7	3999.7	3999.7
1°	3997.6	3997.6	3995.5	3995.5	3991.3
2°	3988.2	3989.3	3985.1	3984.0	3980.9
3°	3973.6	3970.4	3970.4	3968.3	3966.2
4°	3950.6	3944.3	3942.2	3943.2	3939.1
5°	3916.1	3915.0	3907.7	3902.5	3899.3
6°	3878.4	3871.1	3855.4	3841.8	3838.7
7°	3821.9	3806.3	3792.7	3764.4	3760.3
8°	3752.9	3727.8	3698.6	3658.8	3656.7
9°	3668.2	3627.4	3586.7	3533.3	3514.5
10°	3548.0	3510.3	3441.3	3394.3	3357.7
11°	3398.4	3351.4	3270.9	3214.4	3184.1
12°	3229.0	3185.1	3091.0	3039.8	2996.9
13°	3011.5	2974.9	2887.1	2830.6	2797.2
14°	2759.5	2732.4	2648.7	2623.6	2612.1
15°	2491.8	2473.0	2412.4	2401.9	2383.1
17.5°	1834.1	1802.7	1768.2	1774.5	1780.8
20°	1124.1	1168.0	1162.8	1185.8	1203.6
22.5°	560.5	616.9	682.8	722.6	742.4
25°	257.2	283.4	366.0	381.7	381.7
27.5°	129.7	135.9	172.5	175.7	184.0
30°	72.2	77.4	82.6	92.0	93.1
32.5°	36.6	42.9	45.0	50.2	48.1
35°	15.7	20.9	25.1	27.2	23.0
37.5°	7.3	9.4	13.6	12.5	9.4
40°	3.1	4.2	6.3	5.2	4.2
42.5°	2.1	2.1	3.1	2.1	2.1
45°	1.0	1.0	1.0	1.0	1.0
47.5°	1.0	1.0	0.0	1.0	1.0
50°	1.0	0.0	0.0	0.0	1.0
52.5°	1.0	0.0	0.0	0.0	1.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1257420

CATALOG NUMBER: P3AS13R359040DE010 E3PH1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)