

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: P1313584

Luminaire Tested: P3SQAS17R359730DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313584
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359730DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

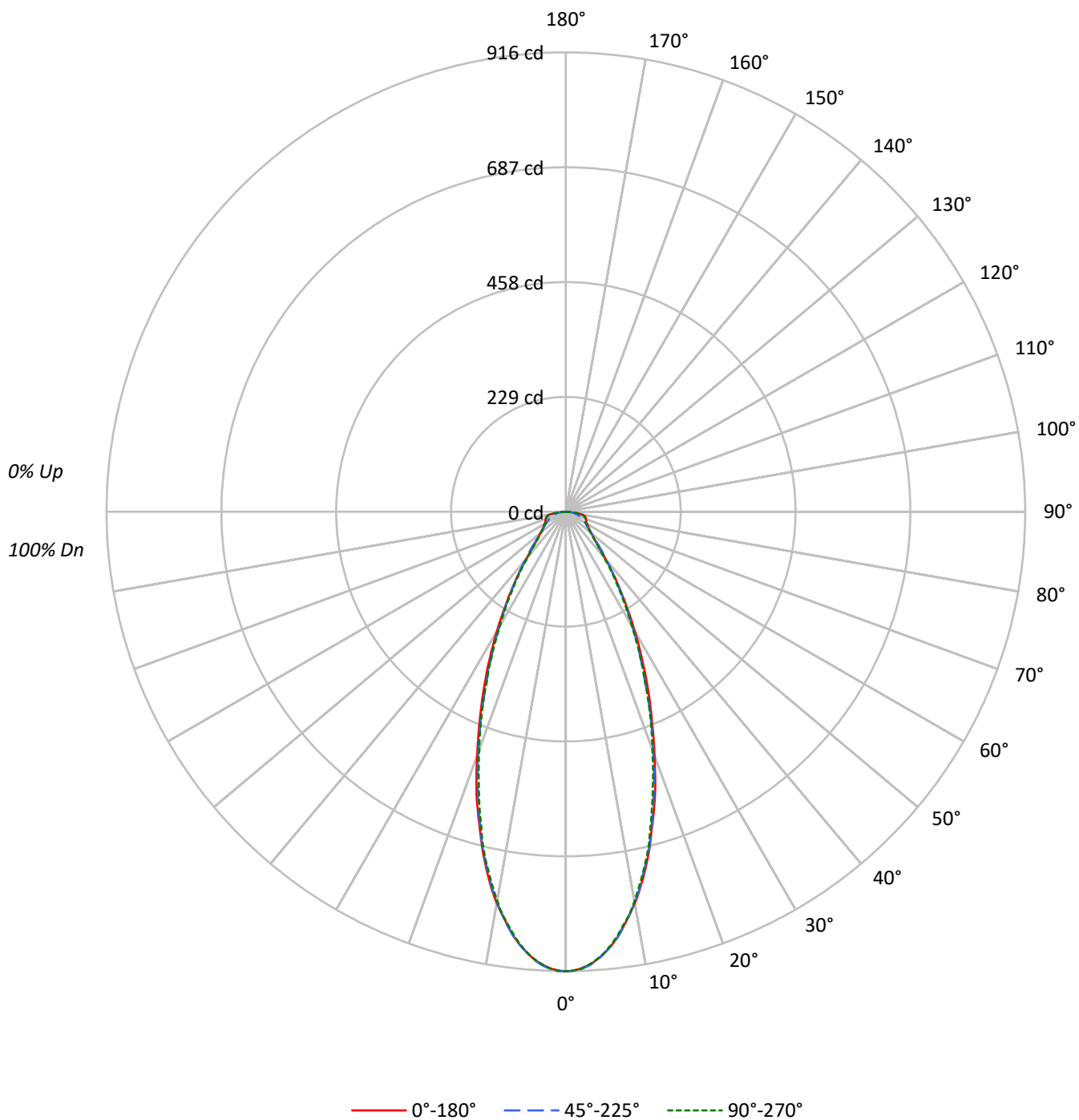
Lumens per Lamp: N/A
Luminaire Lumens: 758.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1313584

CATALOG NUMBER: P3SQAS17R359730DE010 E3SQPHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1313584

CATALOG NUMBER: P3SQAS17R359730DE010 E3SQPHLP1MW

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	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	157790	157790	157790
5°	152602	152792	152602
10°	138627	138417	137822
15°	117677	117267	116232
20°	94735	93471	92627
25°	73236	71032	71032
30°	54608	52779	52322
35°	39295	38811	37844
40°	27496	28282	26461
45°	20508	21628	19948
50°	17630	17630	17308
55°	16634	15944	16274
60°	17084	15500	16292
65°	18338	15526	17849
70°	21501	16265	20897
75°	26883	16902	26084
80°	34316	18348	30944
85°	27269	18180	27269

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 34316 cd/sqm

TEST NUMBER: P1313584

CATALOG NUMBER: P3SQAS17R359730DE010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	10.7
10°-20°	181.6	24.0
20°-30°	173.4	22.9
30°-40°	116.5	15.4
40°-50°	68.4	9.0
50°-60°	48.9	6.5
60°-70°	40.7	5.4
70°-80°	33.4	4.4
80°-90°	13.7	1.8
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°	436.4	57.6
0°-40°	552.9	72.9
0°-60°	670.1	88.4
0°-90°	758.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	758.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	916	916	916	916	916	
5°	883	885	884	883	883	81
15°	660	661	658	653	652	183
25°	385	381	374	374	374	177
35°	187	187	185	181	180	118
45°	84	86	89	84	82	68
55°	55	54	53	53	54	50
65°	45	40	38	40	44	45
75°	40	31	25	31	39	42
85°	14	15	9	15	14	16
90°	0	0	0	0	0	

TEST NUMBER: P1313584

CATALOG NUMBER: P3SQAS17R359730DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	916.2	916.2	916.2	916.2	916.2
1°	915.0	916.2	916.2	915.0	915.0
2°	910.4	912.7	911.5	910.4	911.5
3°	904.6	906.9	905.8	904.6	903.5
4°	895.4	897.7	896.5	894.2	894.2
5°	882.7	885.0	883.8	882.7	882.7
6°	870.0	872.3	870.0	867.7	867.7
7°	852.7	856.2	853.8	851.5	850.4
8°	833.1	836.5	834.2	833.1	830.8
9°	813.5	815.8	812.3	812.3	812.3
10°	792.7	793.8	791.5	788.1	788.1
11°	769.6	768.5	767.3	765.0	762.7
12°	744.2	744.2	740.8	738.5	737.3
13°	717.7	716.5	714.2	711.9	711.9
14°	690.0	690.0	687.7	683.1	684.2
15°	660.0	661.2	657.7	653.1	651.9
17.5°	591.9	589.6	583.8	580.4	576.9
20°	516.9	515.8	510.0	506.5	505.4
22.5°	447.7	446.5	440.8	437.3	439.6
25°	385.4	380.8	373.8	373.8	373.8
27.5°	327.7	321.9	317.3	315.0	317.3
30°	274.6	270.0	265.4	264.2	263.1
32.5°	227.3	225.0	222.7	219.2	219.2
35°	186.9	186.9	184.6	181.2	180.0
37.5°	152.3	153.5	152.3	148.8	147.7
40°	122.3	124.6	125.8	122.3	117.7
42.5°	100.4	103.8	106.2	100.4	96.9
45°	84.2	86.5	88.8	84.2	81.9
47.5°	73.8	75.0	76.2	72.7	71.5
50°	65.8	65.8	65.8	64.6	64.6
52.5°	60.0	60.0	58.8	57.7	57.7
55°	55.4	54.2	53.1	53.1	54.2
57.5°	51.9	50.8	48.5	49.6	50.8
60°	49.6	47.3	45.0	46.2	47.3
62.5°	46.2	43.8	41.5	42.7	45.0
65°	45.0	40.4	38.1	40.4	43.8
67.5°	43.8	38.1	34.6	38.1	42.7
70°	42.7	35.8	32.3	35.8	41.5
72.5°	41.5	33.5	28.8	33.5	40.4
75°	40.4	31.2	25.4	31.2	39.2
77.5°	38.1	28.8	21.9	28.8	35.8
80°	34.6	26.5	18.5	25.4	31.2
82.5°	25.4	21.9	15.0	21.9	23.1
85°	13.8	15.0	9.2	15.0	13.8
87.5°	1.2	2.3	2.3	6.9	4.6



TEST NUMBER: P1313584

CATALOG NUMBER: P3SQAS17R359730DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)