

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: P1315493

Luminaire Tested: P3SQAS17R259740DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259740DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

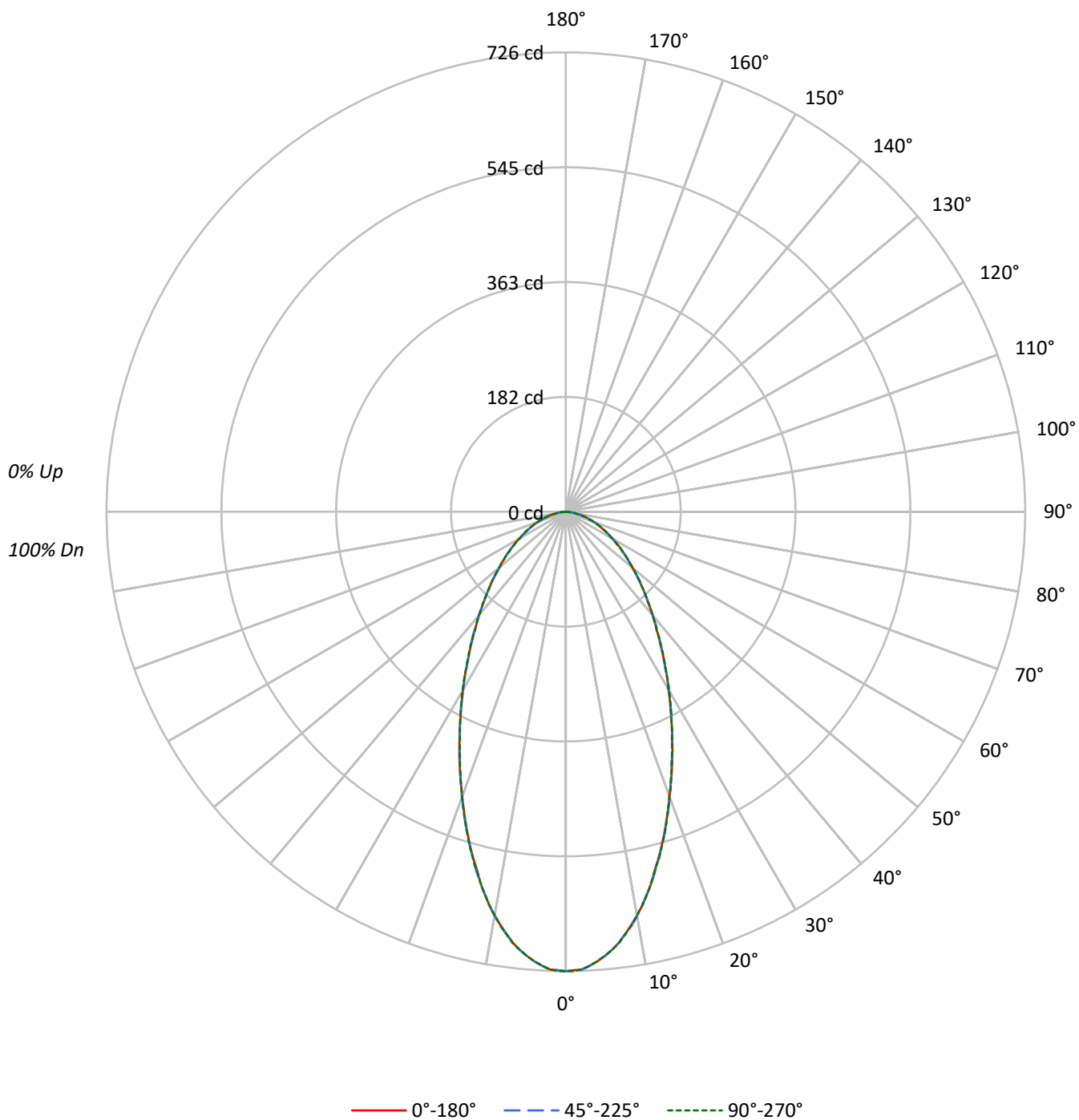
Lumens per Lamp: N/A
Luminaire Lumens: 909.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	111	107	104	100	108	105	102	99	101	98	96		97	95	93		93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72		80	75	71		77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64		73	68	63		71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58		67	61	57		65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52		62	56	52		60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47		57	51	47		56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44		53	48	43		52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37		47	41	37		46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	125051	125051	125051
5°	121846	121846	121846
10°	113234	113444	113234
15°	100988	101202	101202
20°	87789	88027	87789
25°	75631	75384	75384
30°	64512	64751	64989
35°	55336	55336	55610
40°	47954	47954	47954
45°	41941	41941	41941
50°	36760	36760	37108
55°	32969	32969	32969
60°	29209	29209	29209
65°	26448	26448	26448
70°	23868	23264	23868
75°	21560	20761	20761
80°	17356	17356	17356
85°	12251	12251	12251

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41941 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	7.2
10°-20°	158.0	17.4
20°-30°	182.6	20.1
30°-40°	165.6	18.2
40°-50°	133.5	14.7
50°-60°	98.3	10.8
60°-70°	64.7	7.1
70°-80°	33.4	3.7
80°-90°	7.5	0.8
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°	406.1	44.7
0°-40°	571.7	62.9
0°-60°	803.4	88.4
0°-90°	909.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	909.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	726	726	726	726	726	
5°	705	707	705	705	705	65
15°	566	568	568	566	568	158
25°	398	397	397	398	397	183
35°	263	263	263	263	264	165
45°	172	172	172	172	172	133
55°	110	110	110	108	110	99
65°	65	65	65	65	65	65
75°	32	31	31	31	31	34
85°	6	6	6	6	6	8
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	726.1	726.1	726.1	726.1	726.1
1°	724.8	727.3	724.8	724.8	726.1
2°	723.6	724.8	723.6	723.6	723.6
3°	718.6	721.1	718.6	718.6	718.6
4°	712.3	714.8	712.3	712.3	712.3
5°	704.8	707.3	704.8	704.8	704.8
6°	696.1	697.4	696.1	696.1	696.1
7°	686.1	687.4	686.1	686.1	687.4
8°	673.7	674.9	674.9	673.7	673.7
9°	661.2	662.4	662.4	661.2	662.4
10°	647.5	648.7	648.7	647.5	647.5
11°	633.7	635.0	632.5	632.5	633.7
12°	617.5	618.8	617.5	617.5	617.5
13°	601.3	601.3	601.3	601.3	601.3
14°	582.6	585.1	585.1	583.8	582.6
15°	566.4	567.6	567.6	566.4	567.6
17.5°	522.7	525.2	524.0	524.0	524.0
20°	479.0	480.3	480.3	479.0	479.0
22.5°	437.9	436.6	436.6	436.6	436.6
25°	398.0	396.7	396.7	398.0	396.7
27.5°	359.3	360.5	360.5	359.3	360.5
30°	324.4	324.4	325.6	324.4	326.8
32.5°	293.2	293.2	291.9	293.2	293.2
35°	263.2	263.2	263.2	263.2	264.5
37.5°	235.8	237.0	238.3	238.3	237.0
40°	213.3	213.3	213.3	213.3	213.3
42.5°	190.9	190.9	192.1	192.1	192.1
45°	172.2	172.2	172.2	172.2	172.2
47.5°	154.7	154.7	153.4	153.4	154.7
50°	137.2	138.5	137.2	137.2	138.5
52.5°	123.5	122.3	122.3	123.5	123.5
55°	109.8	109.8	109.8	108.5	109.8
57.5°	97.3	97.3	96.1	96.1	96.1
60°	84.8	84.8	84.8	84.8	84.8
62.5°	74.9	74.9	74.9	74.9	74.9
65°	64.9	64.9	64.9	64.9	64.9
67.5°	56.1	56.1	56.1	56.1	54.9
70°	47.4	47.4	46.2	46.2	47.4
72.5°	38.7	38.7	38.7	38.7	38.7
75°	32.4	31.2	31.2	31.2	31.2
77.5°	25.0	25.0	23.7	25.0	23.7
80°	17.5	17.5	17.5	17.5	17.5
82.5°	12.5	11.2	11.2	11.2	11.2
85°	6.2	6.2	6.2	6.2	6.2
87.5°	1.2	1.2	1.2	1.2	2.5



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)