

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: P1306163

Luminaire Tested: P3SQASS17R709024DE010 E3SQCLDWW1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306163
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQASS17R709024DE010 E3SQCLDWW1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3SQCLDWW1MW TRI
Light Source: -
Ballast/Driver: -

Summary

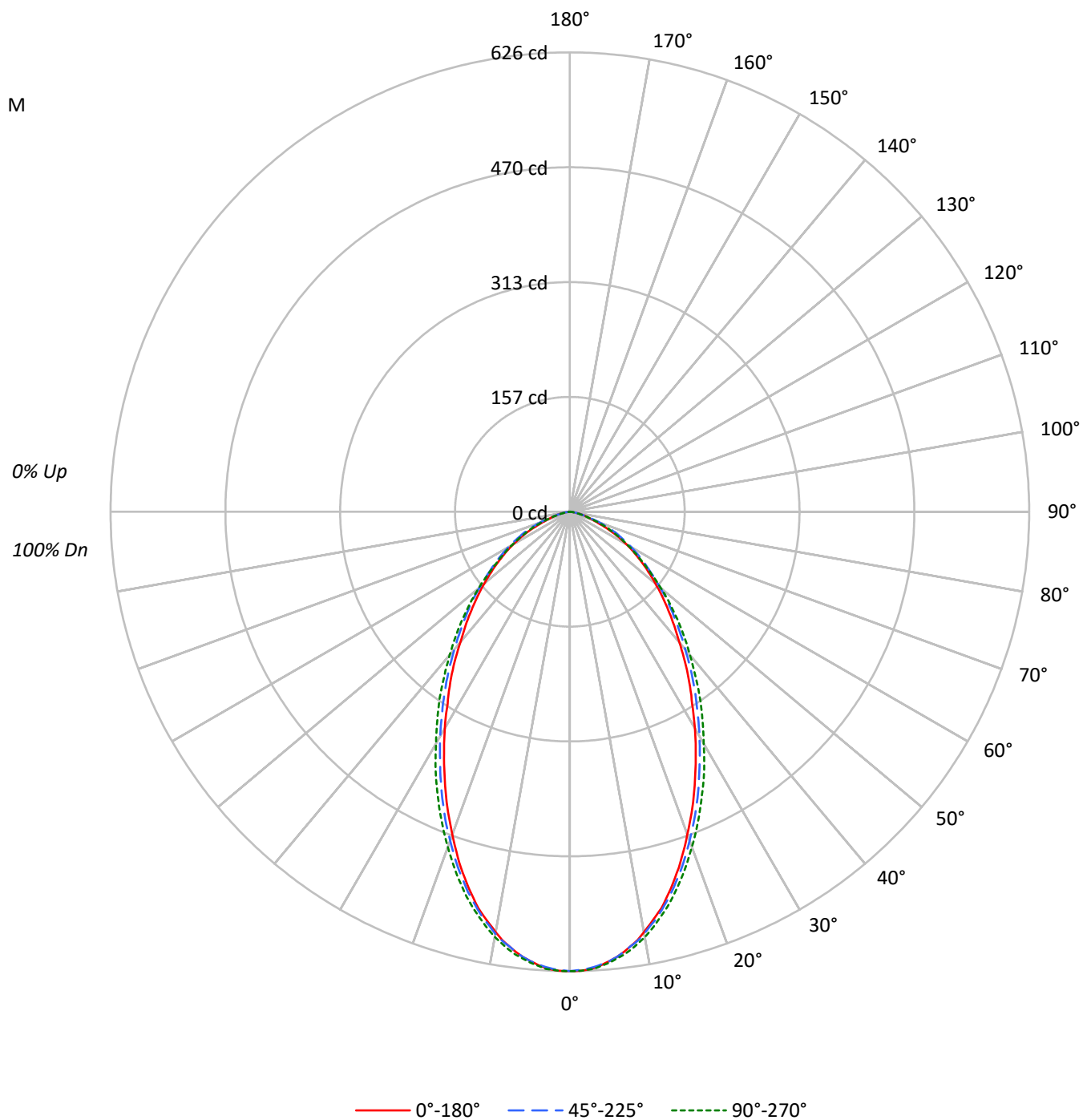
Lumens per Lamp: N/A
Luminaire Lumens: 940.0 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
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	98	96		97	95	93		94
2	103	96	91	86	101	95	89	85	91	87	83		88	84	81		85
3	95	87	80	75	93	85	79	74	82	77	73		80	75	71		77
4	89	78	71	65	87	77	70	65	75	69	64		73	67	63		71
5	83	71	64	58	81	70	63	58	68	62	57		67	61	57		65
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	52	47	70	59	52	47	58	51	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	42		53	47	42		51
9	64	52	44	39	62	51	44	39	50	44	39		49	43	39		48
10	60	48	41	36	59	48	41	36	47	40	36		46	40	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	107811	107811	107811
5°	106270	106270	106650
10°	101727	102130	102917
15°	94801	95621	96834
20°	85791	87459	89127
25°	76638	78804	80970
30°	67793	70259	72526
35°	59710	62338	64966
40°	52113	54924	57217
45°	46203	48712	50368
50°	40779	42923	43539
55°	35821	37863	36842
60°	30931	33273	31689
65°	24532	28689	25918
70°	17725	22307	19437
75°	13641	14373	12111
80°	9025	9025	6744
85°	4545	4545	4545

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 50368 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.7	6.1
10°-20°	149.8	15.9
20°-30°	190.4	20.3
30°-40°	185.2	19.7
40°-50°	154.0	16.4
50°-60°	111.0	11.8
60°-70°	65.3	7.0
70°-80°	23.1	2.5
80°-90°	3.4	0.4
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°	397.9	42.3
0°-40°	583.1	62.0
0°-60°	848.1	90.2
0°-90°	940.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	940.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	626	626	626	626	626	
5°	615	614	615	615	617	58
15°	532	532	536	540	543	148
25°	403	408	415	423	426	185
35°	284	288	296	304	309	177
45°	190	193	200	204	207	147
55°	119	123	126	125	123	107
65°	60	65	70	67	64	60
75°	20	22	22	19	18	22
85°	2	2	2	2	2	3
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	626.0	626.0	626.0	626.0	626.0
1°	626.0	624.9	624.9	624.9	626.0
2°	624.9	623.8	623.8	623.8	624.9
3°	622.6	621.5	621.5	621.5	623.8
4°	619.2	616.9	618.1	618.1	620.3
5°	614.7	613.5	614.7	614.7	616.9
6°	610.1	609.0	610.1	610.1	612.4
7°	604.4	603.3	604.4	605.6	607.9
8°	597.6	596.5	597.6	598.8	602.2
9°	590.8	589.7	591.9	593.1	595.4
10°	581.7	581.7	584.0	585.1	588.5
11°	572.6	572.6	574.9	577.2	580.6
12°	563.5	563.5	566.9	569.2	571.5
13°	554.5	553.3	556.7	559.0	562.4
14°	543.1	542.0	546.5	549.9	553.3
15°	531.7	531.7	536.3	539.7	543.1
17.5°	501.1	502.2	507.9	512.4	515.8
20°	468.1	471.5	477.2	482.9	486.3
22.5°	436.3	438.6	446.5	453.3	456.7
25°	403.3	407.9	414.7	422.7	426.1
27.5°	371.5	376.1	382.9	390.8	396.5
30°	340.9	344.3	353.3	361.3	364.7
32.5°	310.2	314.7	323.8	331.8	336.3
35°	284.0	287.5	296.5	304.5	309.0
37.5°	257.9	261.3	270.4	277.2	280.6
40°	231.8	237.5	244.3	251.1	254.5
42.5°	210.2	214.7	221.6	227.2	230.6
45°	189.7	193.1	200.0	204.5	206.8
47.5°	170.4	173.8	180.7	182.9	184.1
50°	152.2	155.7	160.2	161.3	162.5
52.5°	135.2	137.5	142.0	142.0	140.9
55°	119.3	122.7	126.1	125.0	122.7
57.5°	104.5	105.7	111.3	109.1	106.8
60°	89.8	92.0	96.6	94.3	92.0
62.5°	75.0	77.3	82.9	80.7	77.3
65°	60.2	64.8	70.4	67.0	63.6
67.5°	45.4	51.1	56.8	53.4	51.1
70°	35.2	39.8	44.3	40.9	38.6
72.5°	27.3	29.5	31.8	29.5	27.3
75°	20.5	21.6	21.6	19.3	18.2
77.5°	14.8	15.9	13.6	11.4	11.4
80°	9.1	10.2	9.1	6.8	6.8
82.5°	4.5	5.7	4.5	4.5	4.5
85°	2.3	2.3	2.3	2.3	2.3
87.5°	1.1	1.1	1.1	1.1	1.1



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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)