

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: P1308445

Luminaire Tested: P3SQAS24R259030D010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308445
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R259030D010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

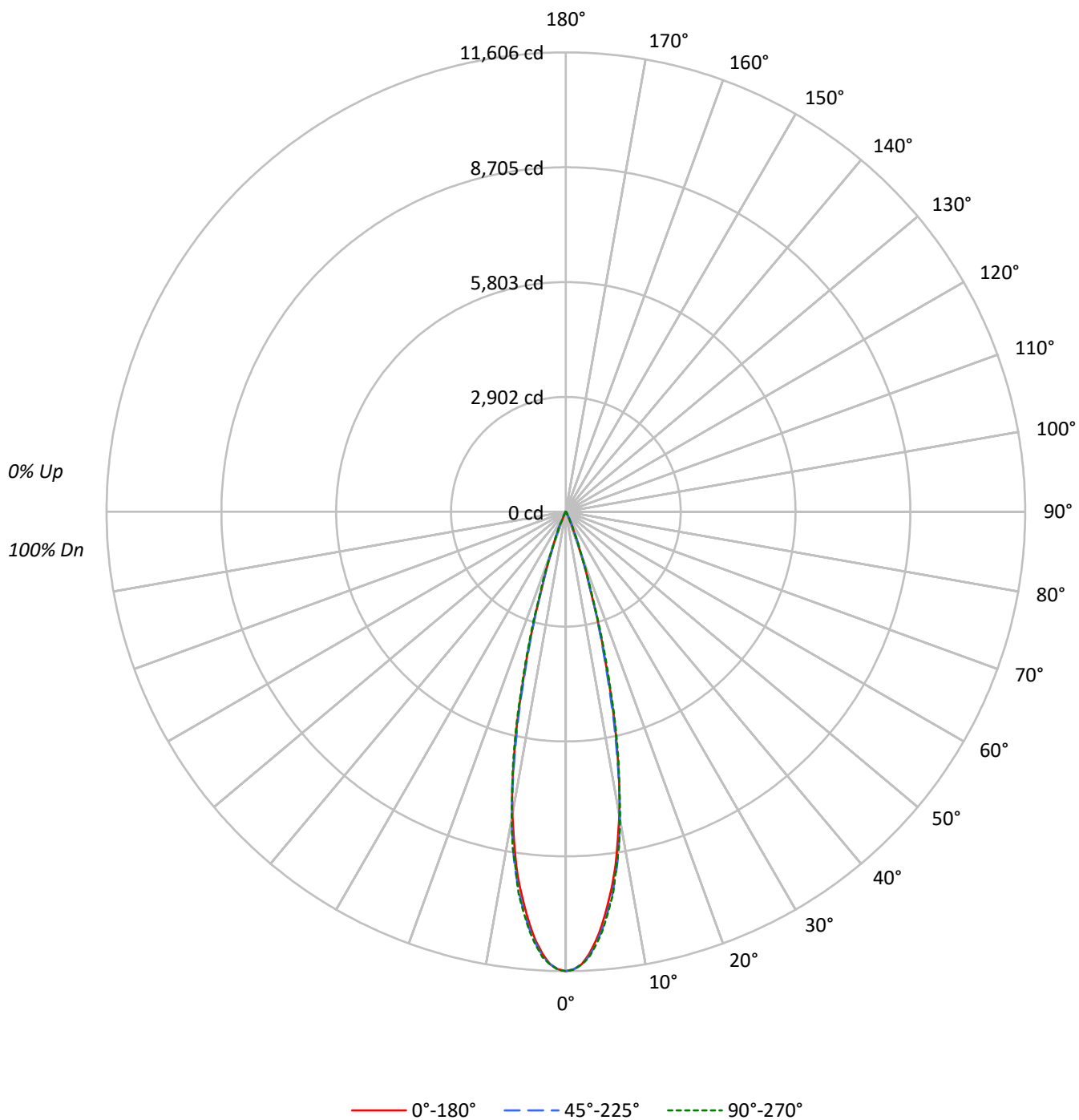
Lumens per Lamp: N/A
Luminaire Lumens: 2142.0 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1308445

CATALOG NUMBER: P3SQAS24R259030D010 E3SQPH1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1308445

CATALOG NUMBER: P3SQAS24R259030D010 E3SQPH1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	86	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1998902	1998902	1998902
5°	1811390	1827900	1836821
10°	1361734	1371422	1377753
15°	674252	654158	697751
20°	190423	193576	195665
25°	33027	62424	39202
30°	12906	13284	13682
35°	4016	4415	4415
40°	1281	1709	1281
45°	926	463	926
50°	509	0	509
55°	570	0	570
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: 45°

Luminance: 926 cd/sqm

TEST NUMBER: P1308445

CATALOG NUMBER: P3SQAS24R259030D010 E3SQPH1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	922.0	43.0
10°-20°	1039.8	48.5
20°-30°	161.3	7.5
30°-40°	16.3	0.8
40°-50°	2.2	0.1
50°-60°	0.4	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°	2123.1	99.1
0°-40°	2139.4	99.9
0°-60°	2142.0	100.0
0°-90°	2142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2142.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	11606	11606	11606	11606	11606	
5°	10478	10497	10573	10615	10625	913
15°	3782	3755	3669	3833	3913	1036
25°	174	258	328	250	206	146
35°	19	21	21	23	21	15
45°	4	2	2	2	4	3
55°	2	0	0	0	2	1
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: P1308445

CATALOG NUMBER: P3SQAS24R259030D010 E3SQPH1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	11606.5	11606.5	11606.5	11606.5	11606.5
1°	11558.7	11574.0	11556.8	11575.9	11574.0
2°	11438.4	11453.7	11432.7	11444.1	11444.1
3°	11192.0	11224.5	11243.6	11257.0	11268.4
4°	10867.3	10903.6	10932.3	10966.7	10966.7
5°	10477.7	10496.8	10573.2	10615.2	10624.8
6°	10013.6	10090.0	10147.3	10231.3	10179.8
7°	9549.5	9612.5	9692.8	9706.1	9742.4
8°	9022.4	9089.2	9163.7	9150.3	9119.8
9°	8380.6	8478.1	8565.9	8537.3	8575.5
10°	7786.7	7845.9	7842.1	7813.4	7878.3
11°	7097.2	7110.6	7036.1	7152.6	7081.9
12°	6279.8	6291.2	6195.7	6310.3	6382.9
13°	5496.7	5470.0	5338.2	5489.1	5580.7
14°	4595.2	4604.8	4436.7	4728.9	4706.0
15°	3781.6	3754.9	3668.9	3833.2	3913.4
17.5°	2014.9	2032.1	2011.1	2093.3	2144.8
20°	1039.0	1067.6	1056.2	1090.6	1067.6
22.5°	538.6	578.7	590.2	563.4	490.8
25°	173.8	257.8	328.5	250.2	206.3
27.5°	105.0	103.1	160.4	110.8	112.7
30°	64.9	63.0	66.8	66.8	68.8
32.5°	36.3	38.2	36.3	40.1	38.2
35°	19.1	21.0	21.0	22.9	21.0
37.5°	11.5	13.4	13.4	13.4	11.5
40°	5.7	7.6	7.6	5.7	5.7
42.5°	3.8	3.8	3.8	3.8	3.8
45°	3.8	1.9	1.9	1.9	3.8
47.5°	1.9	1.9	0.0	1.9	1.9
50°	1.9	1.9	0.0	1.9	1.9
52.5°	1.9	0.0	0.0	0.0	1.9
55°	1.9	0.0	0.0	0.0	1.9
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: P1308445

CATALOG NUMBER: P3SQAS24R259030D010 E3SQPH1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)