

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: P1317480

Luminaire Tested: P3SQAS20R609830D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317480
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS20R609830D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

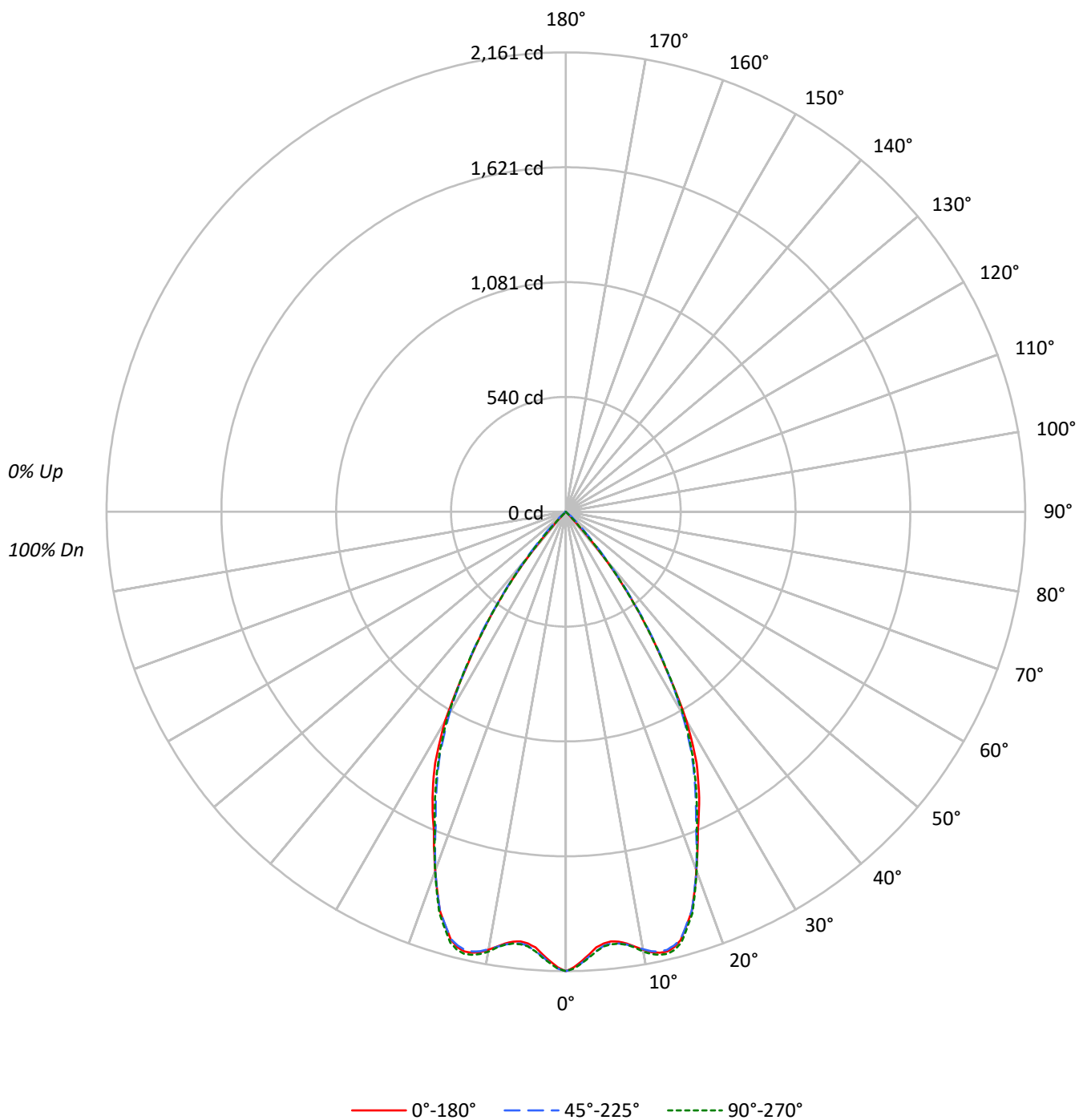
Lumens per Lamp: N/A
Luminaire Lumens: 1915.0 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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: P1317480

CATALOG NUMBER: P3SQAS20R609830D010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1317480

CATALOG NUMBER: P3SQAS20R609830D010 E3SQCD1MB

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	372156	372156	372156
5°	352469	354319	354837
10°	365883	365358	367492
15°	371947	371395	374123
20°	329144	329144	329713
25°	282076	273657	275976
30°	225653	217440	220781
35°	139981	142883	139666
40°	61466	67649	63175
45°	755	21945	1851
50°	0	2465	0
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: 45°

Vertical Angle: 45°

Luminance: 21945 cd/sqm

TEST NUMBER: P1317480

CATALOG NUMBER: P3SQAS20R609830D010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.4	10.3
10°-20°	572.1	29.9
20°-30°	664.2	34.7
30°-40°	418.2	21.8
40°-50°	62.8	3.3
50°-60°	0.3	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°	1433.6	74.9
0°-40°	1851.9	96.7
0°-60°	1915.0	100.0
0°-90°	1915.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1915.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2161	2161	2161	2161	2161	
5°	2039	2046	2050	2054	2052	197
15°	2086	2078	2083	2097	2098	572
25°	1484	1468	1440	1446	1452	675
35°	666	667	680	666	664	416
45°	3	29	90	38	8	41
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: P1317480

CATALOG NUMBER: P3SQAS20R609830D010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2160.9	2160.9	2160.9	2160.9	2160.9
1°	2144.1	2150.2	2150.2	2151.8	2150.2
2°	2115.1	2124.3	2124.3	2128.9	2125.8
3°	2086.1	2093.7	2095.3	2101.4	2099.8
4°	2054.0	2066.3	2070.8	2073.9	2072.4
5°	2038.8	2046.4	2049.5	2054.0	2052.5
6°	2032.7	2038.8	2041.8	2046.4	2046.4
7°	2037.2	2041.8	2046.4	2049.5	2046.4
8°	2051.0	2055.6	2055.6	2061.7	2057.1
9°	2070.8	2072.4	2072.4	2080.0	2075.4
10°	2092.2	2089.2	2089.2	2099.8	2101.4
11°	2110.5	2107.5	2106.0	2116.6	2119.7
12°	2121.2	2115.1	2115.1	2128.9	2130.4
13°	2122.8	2115.1	2115.1	2128.9	2133.4
14°	2110.5	2101.4	2102.9	2118.2	2122.8
15°	2086.1	2078.5	2083.0	2096.8	2098.3
17.5°	1970.0	1965.5	1968.5	1977.7	1979.2
20°	1795.9	1792.9	1795.9	1795.9	1799.0
22.5°	1623.4	1615.7	1600.5	1609.6	1611.2
25°	1484.4	1467.6	1440.1	1446.2	1452.3
27.5°	1331.7	1310.3	1281.3	1288.9	1290.5
30°	1134.7	1124.0	1093.4	1101.1	1110.2
32.5°	876.6	905.6	887.3	885.8	887.3
35°	665.8	667.4	679.6	665.8	664.3
37.5°	465.8	467.3	476.5	461.2	462.7
40°	273.4	293.2	300.9	294.7	281.0
42.5°	85.5	151.2	171.0	148.1	94.7
45°	3.1	29.0	90.1	38.2	7.6
47.5°	0.0	1.5	42.8	3.1	0.0
50°	0.0	0.0	9.2	0.0	0.0
52.5°	0.0	0.0	1.5	0.0	0.0
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: P1317480

CATALOG NUMBER: P3SQAS20R609830D010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)