

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: P1313156

Luminaire Tested: P3SQAS05R609730DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313156
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: P3SQAS05R609730DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

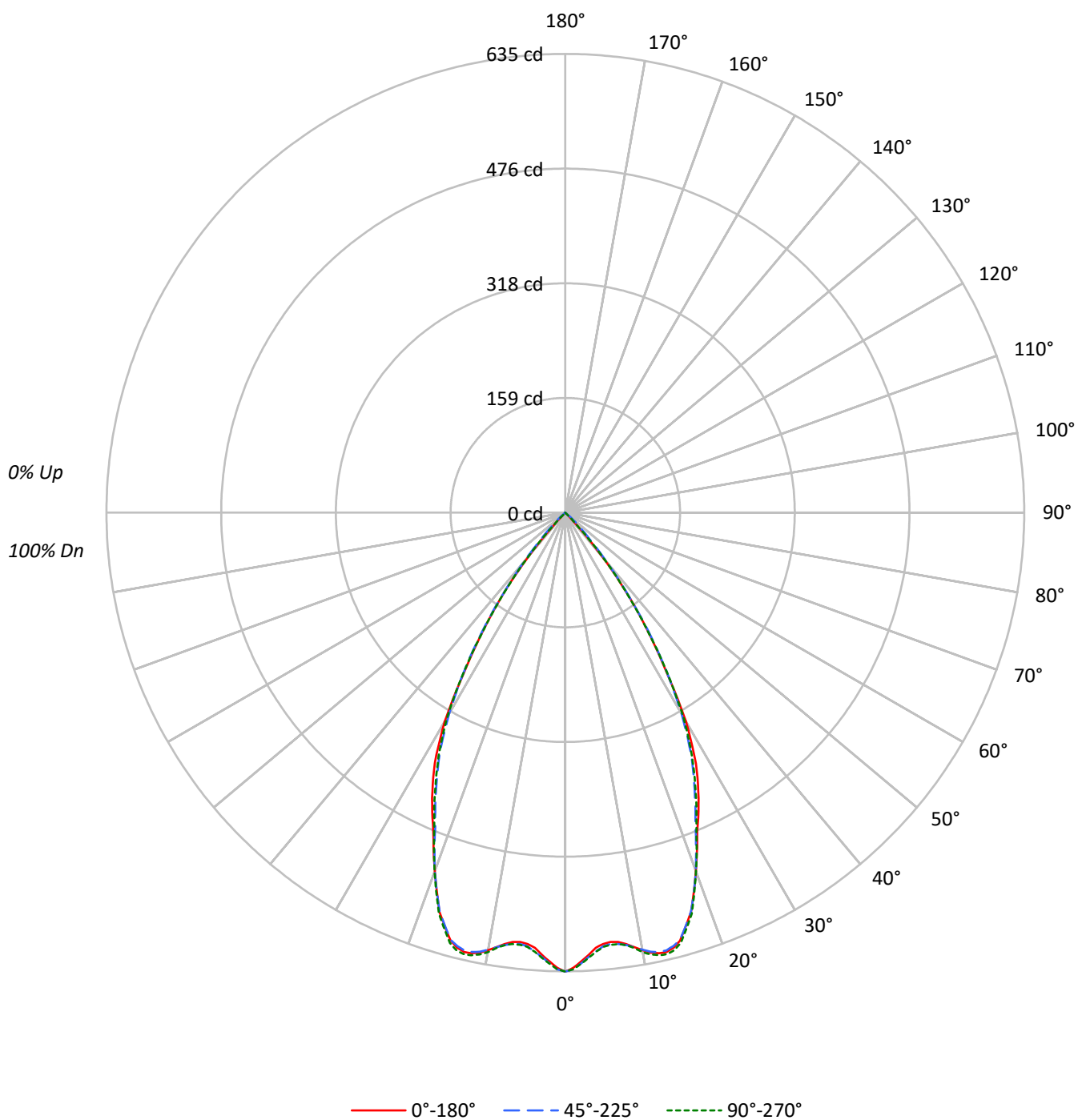
Lumens per Lamp: N/A
Luminaire Lumens: 563.0 lumens
Efficiency: N/A
Efficacy: 78.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1313156

CATALOG NUMBER: P3SQAS05R609730DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1313156

CATALOG NUMBER: P3SQAS05R609730DE010 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°	109413	109413	109413
5°	103625	104161	104316
10°	107568	107411	108041
15°	109350	109190	109992
20°	96769	96769	96934
25°	82928	80457	81141
30°	66342	63935	64910
35°	41166	42007	41061
40°	18076	19874	18570
45°	219	6454	536
50°	0	723	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: 6454 cd/sqm

TEST NUMBER: P1313156

CATALOG NUMBER: P3SQAS05R609730DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	10.3
10°-20°	168.2	29.9
20°-30°	195.3	34.7
30°-40°	123.0	21.8
40°-50°	18.5	3.3
50°-60°	0.1	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°	421.5	74.9
0°-40°	544.4	96.7
0°-60°	563.0	100.0
0°-90°	563.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	563.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	635	635	635	635	635	
5°	599	602	602	604	603	58
15°	613	611	612	616	617	168
25°	436	432	423	425	427	198
35°	196	196	200	196	195	122
45°	1	8	26	11	2	12
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: P1313156

CATALOG NUMBER: P3SQAS05R609730DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	635.3	635.3	635.3	635.3	635.3
1°	630.4	632.2	632.2	632.6	632.2
2°	621.8	624.5	624.5	625.9	625.0
3°	613.3	615.5	616.0	617.8	617.3
4°	603.9	607.5	608.8	609.7	609.3
5°	599.4	601.6	602.5	603.9	603.4
6°	597.6	599.4	600.3	601.6	601.6
7°	598.9	600.3	601.6	602.5	601.6
8°	603.0	604.3	604.3	606.1	604.8
9°	608.8	609.3	609.3	611.5	610.2
10°	615.1	614.2	614.2	617.3	617.8
11°	620.5	619.6	619.1	622.3	623.2
12°	623.6	621.8	621.8	625.9	626.3
13°	624.1	621.8	621.8	625.9	627.2
14°	620.5	617.8	618.2	622.7	624.1
15°	613.3	611.1	612.4	616.4	616.9
17.5°	579.2	577.8	578.7	581.4	581.9
20°	528.0	527.1	528.0	528.0	528.9
22.5°	477.3	475.0	470.5	473.2	473.7
25°	436.4	431.5	423.4	425.2	427.0
27.5°	391.5	385.2	376.7	378.9	379.4
30°	333.6	330.4	321.5	323.7	326.4
32.5°	257.7	266.2	260.9	260.4	260.9
35°	195.8	196.2	199.8	195.8	195.3
37.5°	136.9	137.4	140.1	135.6	136.0
40°	80.4	86.2	88.4	86.7	82.6
42.5°	25.1	44.4	50.3	43.6	27.8
45°	0.9	8.5	26.5	11.2	2.2
47.5°	0.0	0.4	12.6	0.9	0.0
50°	0.0	0.0	2.7	0.0	0.0
52.5°	0.0	0.0	0.4	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: P1313156
CATALOG NUMBER: P3SQAS05R609730DE010 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)