

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: P1311060

Luminaire Tested: P3SQAS05R509050DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311060
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R509050DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

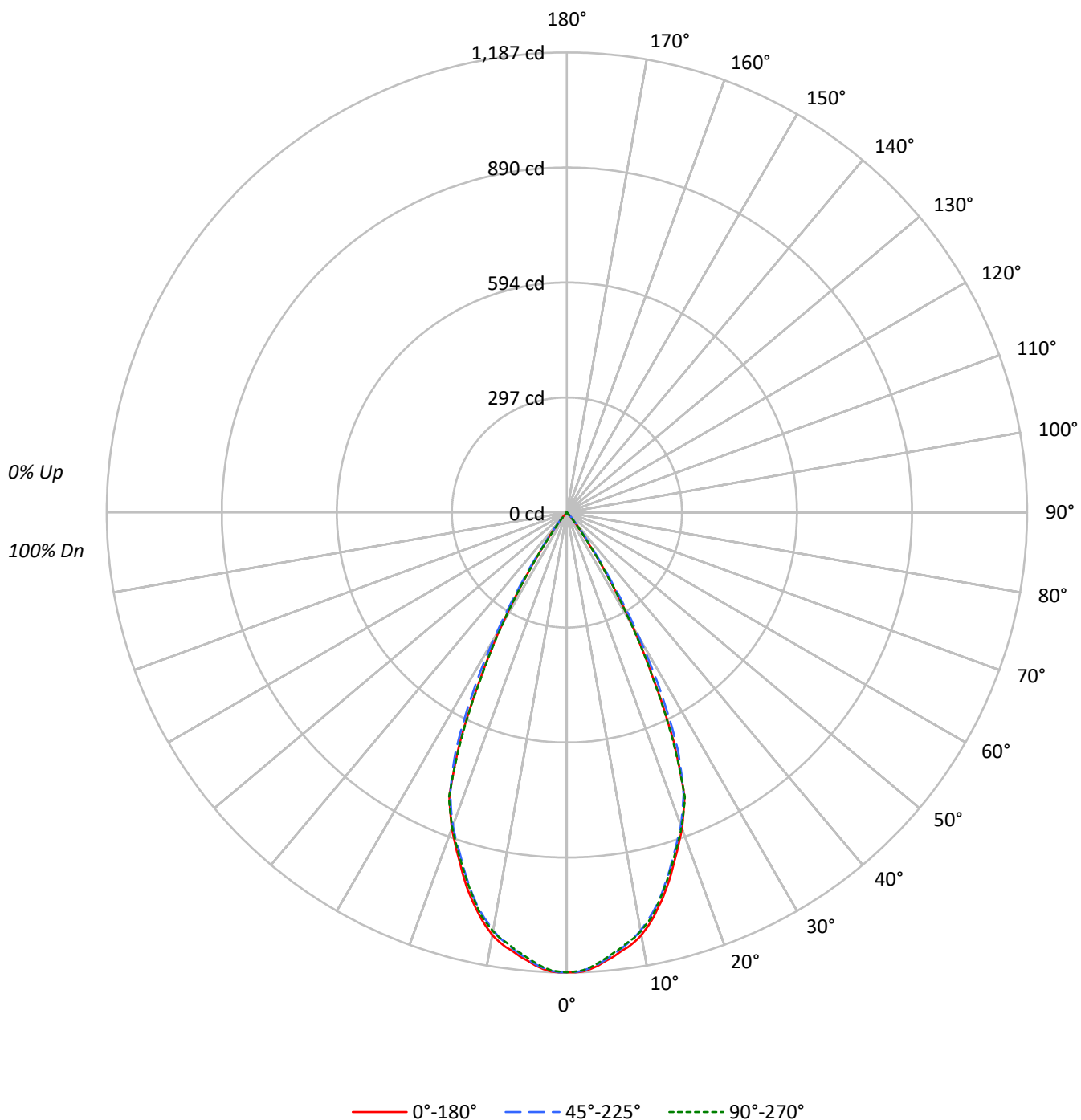
Lumens per Lamp: N/A
Luminaire Lumens: 764.0 lumens
Efficiency: N/A
Efficacy: 106.1 lumens/watt
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.78
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1311060

CATALOG NUMBER: P3SQAS05R509050DE010 E3SQCD1MMS

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	114	112	109	107	112	110	108	106	106	104	102		102	101	99		98
2	109	105	101	98	107	103	100	97	100	98	95		97	95	93		95
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	90	87	84		89	85	83		87
5	96	89	84	80	95	88	83	79	86	82	79		85	81	78		83

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.7	14.2
10°-20°	276.2	36.1
20°-30°	290.9	38.1
30°-40°	83.1	10.9
40°-50°	5.1	0.7
50°-60°	0.0	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°	675.8	88.4
0°-40°	758.8	99.3
0°-60°	764.0	100.0
0°-90°	764.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	764.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1186	1186	1186	1186	1186	
5						

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1186.4	1186.4	1186.4	1186.4	1186.4
1°	1187.0	1187.5	1186.4	1187.5	1184.8
2°	1185.3	1184.2	1183.1	1183.7	1182.1
3°	1179.3	1178.8	1176.6	1177.1	1174.9
4°	1171.7	1170.0	1168.4	1167.3	1165.1
5°	1161.3	1160.2	1158.0	1156.9	1154.7
6°	1152.5	1150.4	1146.5	1145.4	1143.3
7°	1141.1	1140.0	1135.1	1134.0	1132.9
8°	1132.3	1129.0	1123.0	1123.6	1120.8
9°	1120.8	1116.5	1110.5	1110.5	1111.0
10°	1107.2	1100.6	1095.2	1096.8	1097.3
11°	1089.2	1084.8	1076.6	1080.4	1080.4
12°	1069.5	1064.0	1058.0	1061.3	1063.5
13°	1046.5	1042.2	1036.7	1040.0	1038.9
14°	1024.1	1015.9	1012.1	1016.5	1014.8
15°	999.0	992.4	986.4	988.1	989.1
17.5°					



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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)