

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: P1276595

Luminaire Tested: P3AS17R609835DE010 E3CB1MMS

Issue Date: 1/30/2026

**Test Information**

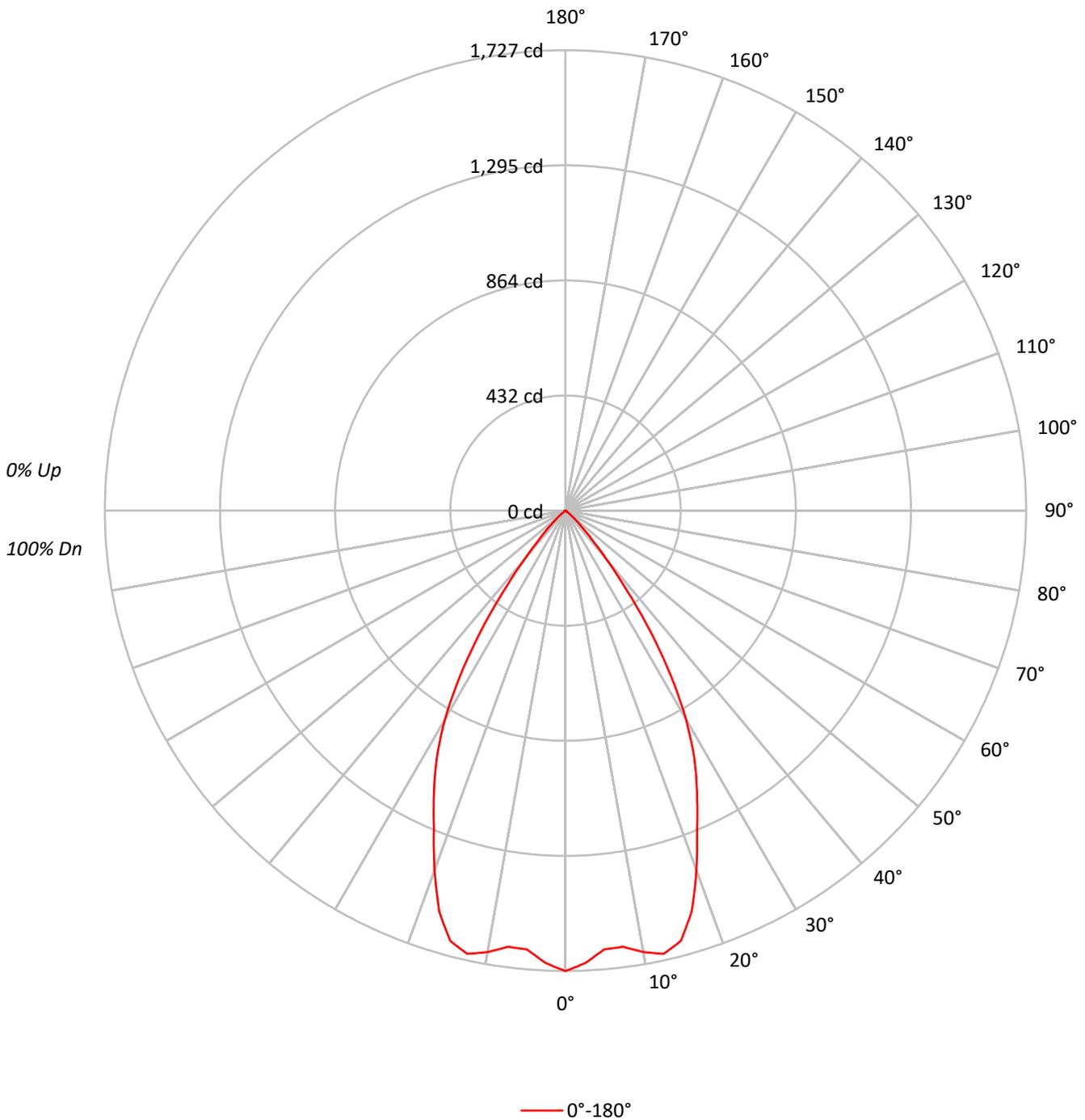
Test Method: LM-79-2019  
Report Number: P1276595  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R609835DE010 E3CB1MMS  
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3CB1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1586.0 lumens  
Efficiency: N/A  
Efficacy: 77.7 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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: P1276595  
CATALOG NUMBER: P3AS17R609835DE010 E3CB1MMS

### Luminous Intensity Polar Plot





TEST NUMBER: P1276595  
 CATALOG NUMBER: P3AS17R609835DE010 E3CB1MMS

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81				81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76				76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71				71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66				66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62				62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	62	59	58				58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55				55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51				51

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	378720
5°	363701
10°	374475
15°	379276
20°	334909
25°	282258
30°	228896
35°	149078
40°	68471
45°	26235
50°	8801
55°	2332
60°	2149
65°	1920
70°	1603
75°	2118
80°	1515
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26235 cd/sqm



TEST NUMBER: P1276595  
 CATALOG NUMBER: P3AS17R609835DE010 E3CB1MMS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	159.0	10.0
10°-20°	457.5	28.8
20°-30°	533.6	33.6
30°-40°	344.4	21.7
40°-50°	77.2	4.9
50°-60°	7.7	0.5
60°-70°	3.7	0.2
70°-80°	2.1	0.1
80°-90°	0.8	0.1
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°	1150.2	72.5
0°-40°	1494.5	94.2
0°-60°	1579.4	99.6
0°-90°	1586.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1586.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1727	
5°	1652	159
15°	1671	458
25°	1167	534
35°	557	344
45°	85	77
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1276595  
CATALOG NUMBER: P3AS17R609835DE010 E3CB1MMS

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1727.1
2.5°	1698.9
5°	1652.3
7.5°	1649.9
10°	1681.8
12.5°	1702.6
15°	1670.7
17.5°	1575.0
20°	1435.2
22.5°	1289.2
25°	1166.6
27.5°	1046.3
30°	904.0
32.5°	737.2
35°	556.9
37.5°	380.3
40°	239.2
42.5°	143.5
45°	84.6
47.5°	49.1
50°	25.8
52.5°	8.6
55°	6.1
57.5°	4.9
60°	4.9
62.5°	3.7
65°	3.7
67.5°	3.7
70°	2.5
72.5°	2.5
75°	2.5
77.5°	1.2
80°	1.2
82.5°	1.2
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)