

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: P1276495

Luminaire Tested: P3AS17R409835DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276495
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409835DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

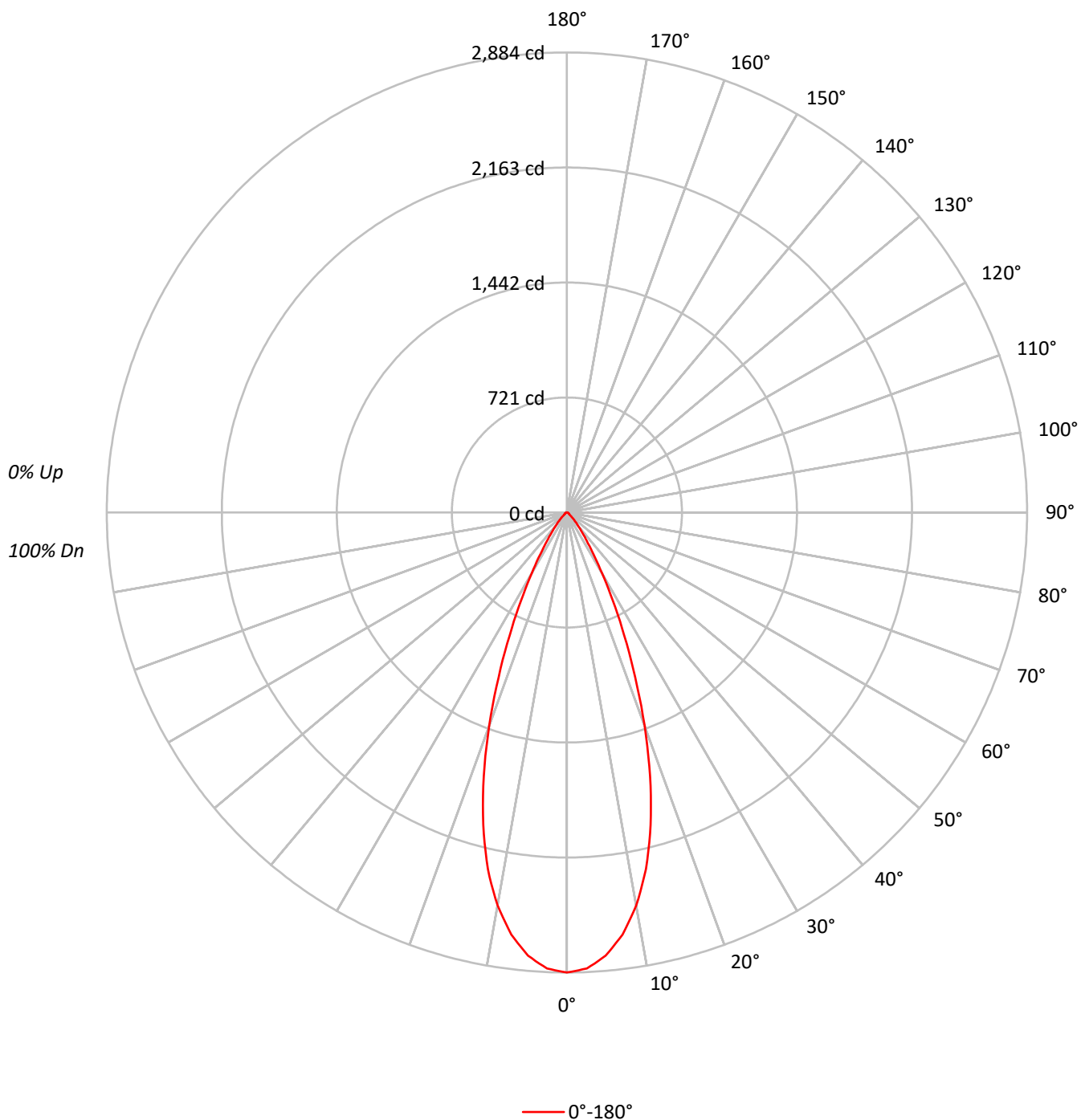
Lumens per Lamp: N/A
Luminaire Lumens: 1429.0 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1276495

CATALOG NUMBER: P3AS17R409835DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1276495

CATALOG NUMBER: P3AS17R409835DE010 E3DL1LI

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	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	632318
5°	613954
10°	557148
15°	460275
20°	332016
25°	205367
30°	111182
35°	57447
40°	31259
45°	17490
50°	8801
55°	6576
60°	5921
65°	5707
70°	5514
75°	5168
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17490 cd/sqm

TEST NUMBER: P1276495

CATALOG NUMBER: P3AS17R409835DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.1	18.0
10°-20°	552.1	38.6
20°-30°	394.0	27.6
30°-40°	145.0	10.1
40°-50°	45.7	3.2
50°-60°	15.9	1.1
60°-70°	10.9	0.8
70°-80°	6.5	0.5
80°-90°	1.8	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°	1203.2	84.2
0°-40°	1348.2	94.3
0°-60°	1409.8	98.7
0°-90°	1429.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1429.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2884	
5°	2789	257
15°	2028	552
25°	849	394
35°	215	145
45°	56	46
55°	17	16
65°	11	11
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1276495

CATALOG NUMBER: P3AS17R409835DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	2883.6
2.5°	2861.5
5°	2789.2
7.5°	2669.0
10°	2502.2
12.5°	2290.0
15°	2027.5
17.5°	1733.1
20°	1422.8
22.5°	1117.4
25°	848.8
27.5°	623.1
30°	439.1
32.5°	307.9
35°	214.6
37.5°	152.1
40°	109.2
42.5°	78.5
45°	56.4
47.5°	38.0
50°	25.8
52.5°	18.4
55°	17.2
57.5°	15.9
60°	13.5
62.5°	12.3
65°	11.0
67.5°	9.8
70°	8.6
72.5°	7.4
75°	6.1
77.5°	4.9
80°	3.7
82.5°	2.5
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)