

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: P1281146

Luminaire Tested: P3AS05R25B2750DE010 E3D1LI_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281146
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3D1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

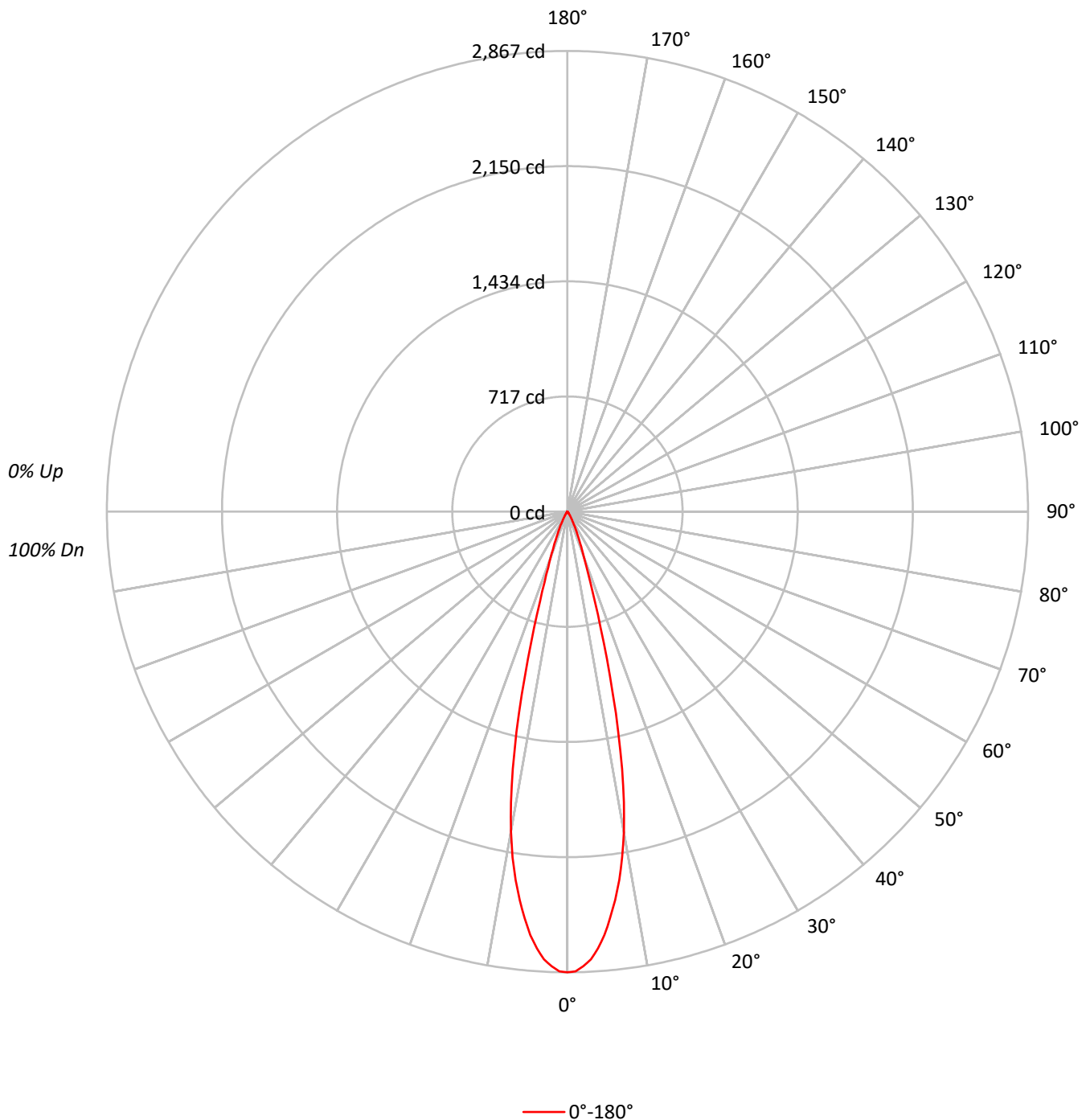
Lumens per Lamp: N/A
Luminaire Lumens: 574.0 lumens
Efficiency: N/A
Efficacy: 97.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1281146

CATALOG NUMBER: P3AS05R25B2750DE010 E3D1LI_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1281146

CATALOG NUMBER: P3AS05R25B2750DE010 E3D1LI_5000K

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	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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97						
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94						
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92						
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89						
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87						
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85						
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83						
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81						
9	93	87	83	81	92	87	83	80	86	83	80	85	82	80	84	82	80	79						
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	628634
5°	582345
10°	450559
15°	215211
20°	70963
25°	29905
30°	11597
35°	5006
40°	1660
45°	775
50°	273
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

TEST NUMBER: P1281146

CATALOG NUMBER: P3AS05R25B2750DE010 E3D1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	232.5	40.5
10°-20°	264.5	46.1
20°-30°	61.5	10.7
30°-40°	12.9	2.2
40°-50°	2.1	0.4
50°-60°	0.3	0.1
60°-70°	0.2	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°	558.5	97.3
0°-40°	571.4	99.5
0°-60°	573.8	100.0
0°-90°	574.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	574.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2867	
5°	2646	233
15°	948	264
25°	124	61
35°	19	13
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1281146

CATALOG NUMBER: P3AS05R25B2750DE010 E3D1LI_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2866.8
1°	2861.0
2°	2831.2
3°	2789.4
4°	2725.5
5°	2645.6
6°	2543.0
7°	2435.6
8°	2315.1
9°	2179.2
10°	2023.5
11°	1843.1
12°	1636.0
13°	1409.2
14°	1171.9
15°	948.0
16°	749.8
17°	584.2
18°	459.5
19°	367.5
20°	304.1
21°	254.1
22°	213.3
23°	178.1
24°	149.0
25°	123.6
27.5°	73.3
30°	45.8
32.5°	29.3
35°	18.7
37.5°	11.2
40°	5.8
42.5°	3.7
45°	2.5
47.5°	1.5
50°	0.8
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.0
72.5°	0.0

TEST NUMBER: P1281146

CATALOG NUMBER: P3AS05R25B2750DE010 E3D1LI_5000K

CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)