

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: P1281177

Luminaire Tested: P3AS05R25B2750DE010 E3DL1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281177
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3DL1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

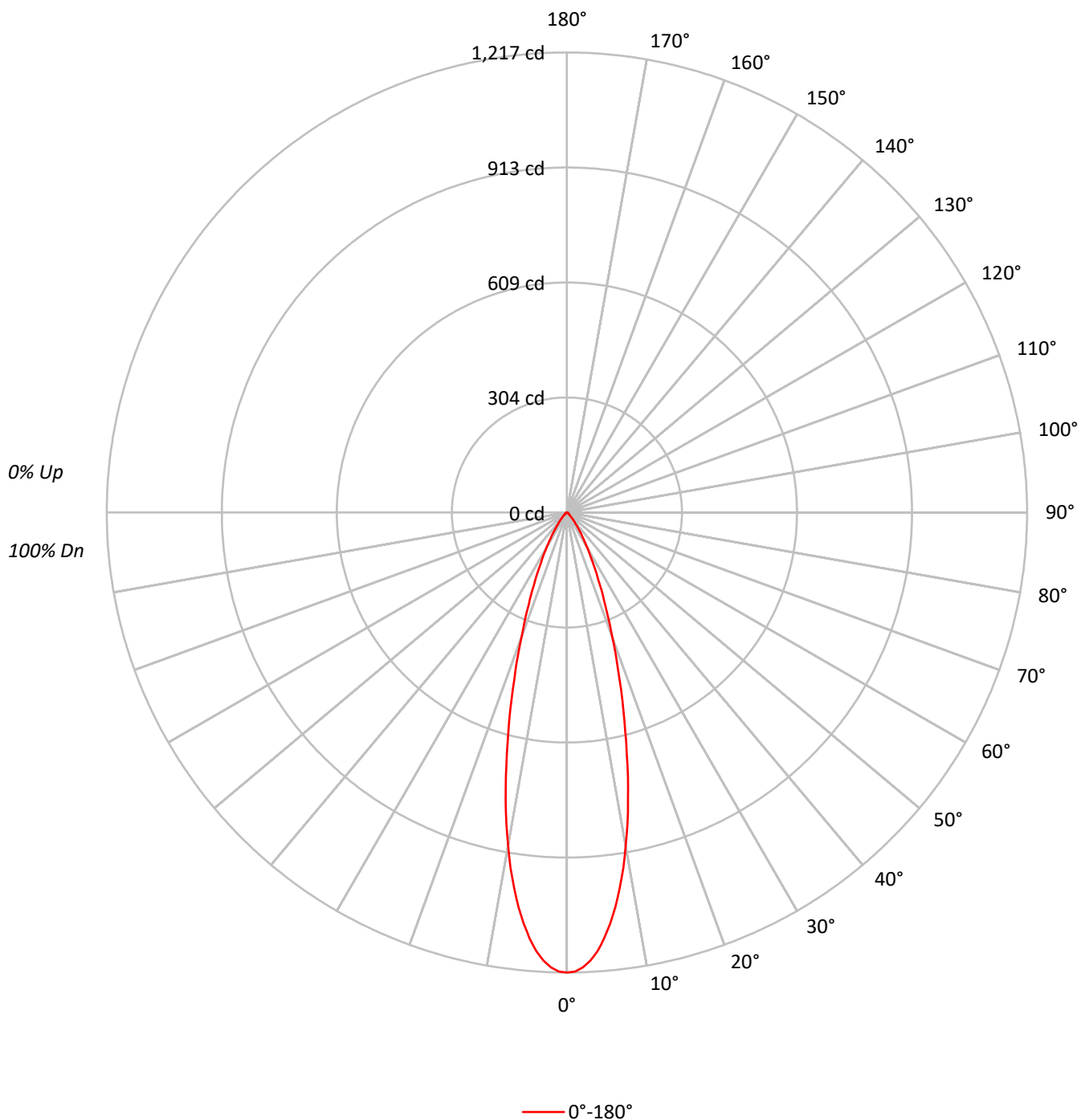
Lumens per Lamp: N/A
Luminaire Lumens: 416.1 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281177

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1281177

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW_2700K

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95						
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90						
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86						
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82						
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78						
6	94	86	81	78	92	86	81	77	84	80	77	83	79	77	82	78	76	75						
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72						
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69						
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66						
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	266843
5°	248976
10°	199440
15°	135370
20°	81907
25°	47906
30°	27270
35°	15018
40°	7958
45°	4186
50°	2456
55°	1835
60°	1579
65°	1660
70°	1539
75°	1356
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4186 cd/sqm

TEST NUMBER: P1281177

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.4	24.1
10°-20°	163.9	39.4
20°-30°	93.7	22.5
30°-40°	37.0	8.9
40°-50°	11.3	2.7
50°-60°	4.5	1.1
60°-70°	3.0	0.7
70°-80°	1.7	0.4
80°-90°	0.5	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°	358.0	86.0
0°-40°	395.0	94.9
0°-60°	410.8	98.7
0°-90°	416.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1217	
5°	1131	100
15°	596	164
25°	198	94
35°	56	37
45°	14	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1281177

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1216.9
1°	1214.5
2°	1204.6
3°	1187.1
4°	1162.9
5°	1131.1
6°	1093.7
7°	1051.5
8°	1002.6
9°	952.5
10°	895.7
11°	839.6
12°	778.0
13°	717.2
14°	654.8
15°	596.3
17.5°	462.4
20°	351.0
22.5°	263.6
25°	198.0
27.5°	146.7
30°	107.7
32.5°	77.9
35°	56.1
37.5°	39.8
40°	27.8
42.5°	19.1
45°	13.5
47.5°	9.5
50°	7.2
52.5°	5.6
55°	4.8
57.5°	4.4
60°	3.6
62.5°	3.2
65°	3.2
67.5°	2.8
70°	2.4
72.5°	2.0
75°	1.6
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



TEST NUMBER: P1281177

CATALOG NUMBER: P3AS05R25B2750DE010 E3DL1MW_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)