

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: P1281441

Luminaire Tested: P3AS05R35B2750DE010 E3CB1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R35B2750DE010 E3CB1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

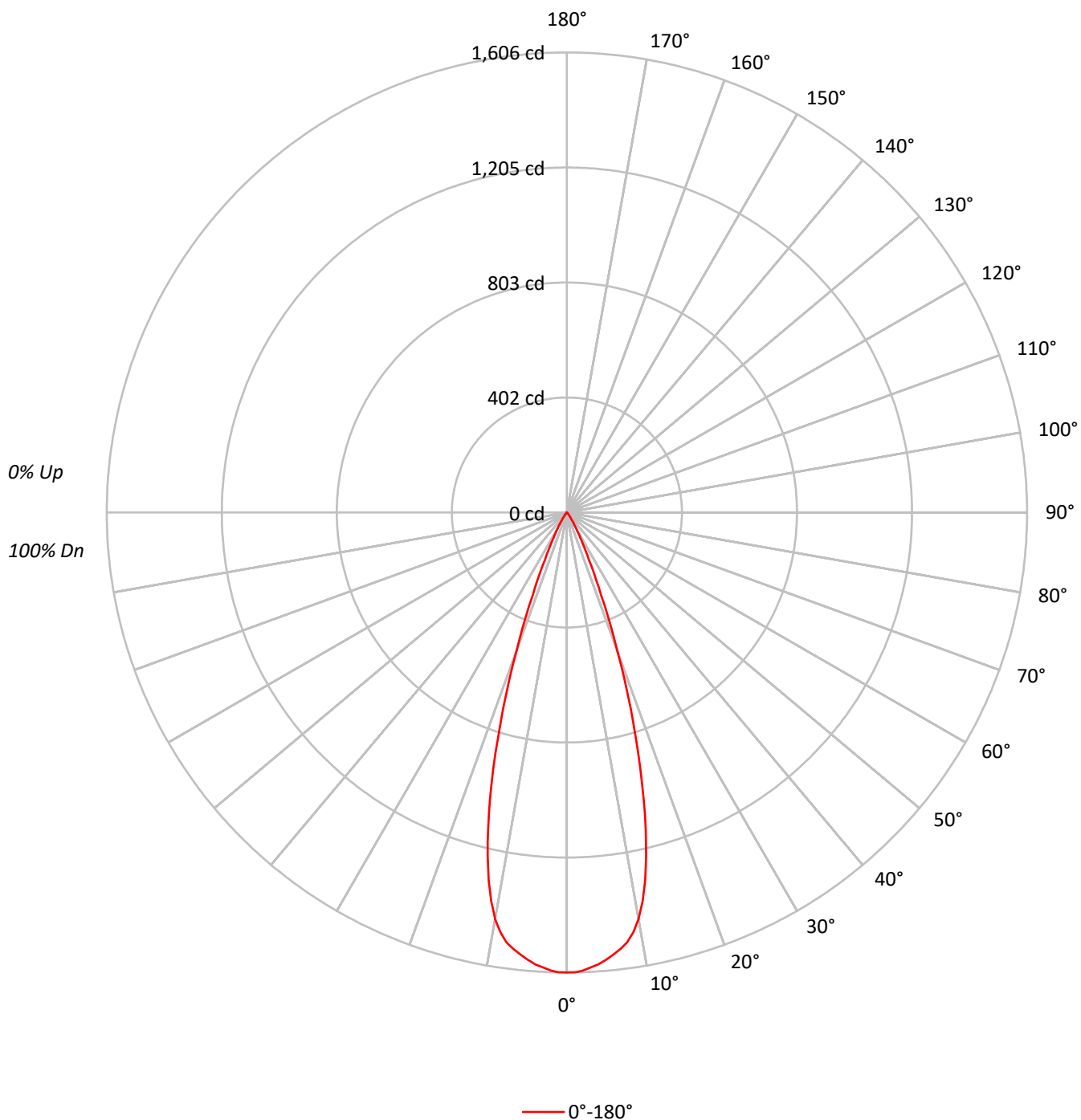
Lumens per Lamp: N/A
Luminaire Lumens: 540.1 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281441

CATALOG NUMBER: P3AS05R35B2750DE010 E3CB1MW_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1281441

CATALOG NUMBER: P3AS05R35B2750DE010 E3CB1MW_5000K

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	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	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83		
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	77		
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75		
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73		
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	352121
5°	344947
10°	320903
15°	235279
20°	120480
25°	43430
30°	16914
35°	5916
40°	2433
45°	651
50°	580
55°	650
60°	570
65°	467
70°	577
75°	763
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 763 cd/sqm

TEST NUMBER: P1281441

CATALOG NUMBER: P3AS05R35B2750DE010 E3CB1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.1	27.1
10°-20°	274.1	50.8
20°-30°	97.1	18.0
30°-40°	17.0	3.1
40°-50°	2.5	0.5
50°-60°	1.4	0.3
60°-70°	1.0	0.2
70°-80°	0.8	0.1
80°-90°	0.2	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°	517.3	95.8
0°-40°	534.2	98.9
0°-60°	538.1	99.6
0°-90°	540.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	540.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1606	
5°	1567	146
15°	1036	274
25°	180	97
35°	22	17
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1281441

CATALOG NUMBER: P3AS05R35B2750DE010 E3CB1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1605.8
1°	1605.4
2°	1600.2
3°	1590.5
4°	1581.5
5°	1567.1
6°	1552.2
7°	1535.6
8°	1515.2
9°	1483.3
10°	1441.2
11°	1382.9
12°	1312.8
13°	1229.4
14°	1137.6
15°	1036.4
17.5°	771.8
20°	516.3
22.5°	311.3
25°	179.5
27.5°	107.2
30°	66.8
32.5°	38.7
35°	22.1
37.5°	14.0
40°	8.5
42.5°	4.3
45°	2.1
47.5°	1.7
50°	1.7
52.5°	1.7
55°	1.7
57.5°	1.3
60°	1.3
62.5°	1.3
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0



TEST NUMBER: P1281441

CATALOG NUMBER: P3AS05R35B2750DE010 E3CB1MW_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)