

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: P1304867

Luminaire Tested: P3RT02R35B2750DE010 E3CBUS1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304867
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-89)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT02R35B2750DE010 E3CBUS1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

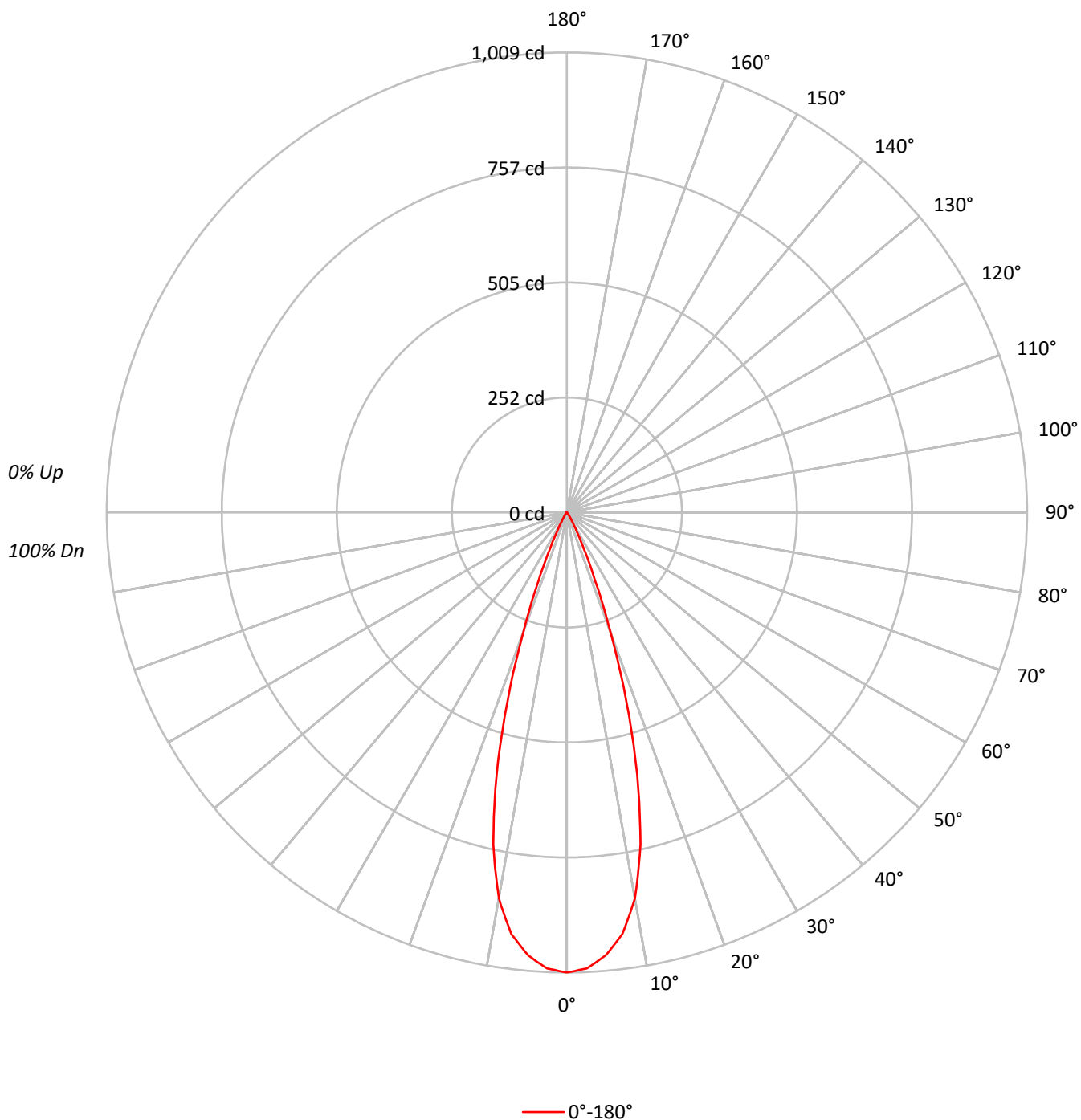
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 2.9
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: P1304867

CATALOG NUMBER: P3RT02R35B2750DE010 E3CBUS1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1304867

CATALOG NUMBER: P3RT02R35B2750DE010 E3CBUS1MW_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	105	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	99	97	106	102	98	96	99	97	94	97	95	93	95	93	92	90	89	88
4	104	99	95	92	103	98	94	92	96	93	90	94	92	89	92	90	89	87	86	85
5	101	95	91	88	100	94	91	88	93	90	87	91	89	86	90	88	86	85	84	83
6	98	92	88	85	97	91	87	85	90	87	84	89	86	83	88	85	83	82	81	80
7	95	89	85	82	94	88	84	82	87	84	81	86	83	81	85	83	80	79	78	77
8	93	86	82	79	92	86	82	79	85	81	79	84	81	78	83	80	78	77	76	75
9	90	83	79	77	89	83	79	76	82	79	76	82	78	76	81	78	76	75	74	73
10	88	81	77	74	87	81	77	74	80	76	74	79	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221232
5°	214637
10°	191379
15°	135211
20°	65222
25°	21146
30°	5950
35°	2382
40°	658
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

TEST NUMBER: P1304867

CATALOG NUMBER: P3RT02R35B2750DE010 E3CBUS1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	29.7
10°-20°	157.4	52.1
20°-30°	48.4	16.0
30°-40°	6.3	2.1
40°-50°	0.4	0.1
50°-60°	0.0	0.0
60°-70°	0.0	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°	295.3	97.8
0°-40°	301.6	99.9
0°-60°	302.0	100.0
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1009	
5°	975	90
15°	596	157
25°	87	48
35°	9	6
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304867

CATALOG NUMBER: P3RT02R35B2750DE010 E3CBUS1MW_5000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1008.9
2.5°	1000.9
5°	975.1
7.5°	932.4
10°	859.5
12.5°	745.9
15°	595.6
17.5°	432.1
20°	279.5
22.5°	162.0
25°	87.4
27.5°	46.0
30°	23.5
32.5°	14.1
35°	8.9
37.5°	5.6
40°	2.3
42.5°	0.9
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
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)