

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: P1304965

Luminaire Tested: P3RT09R15B2750DE010 E3CBUS1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304965
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-85)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT09R15B2750DE010 E3CBUS1MW_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

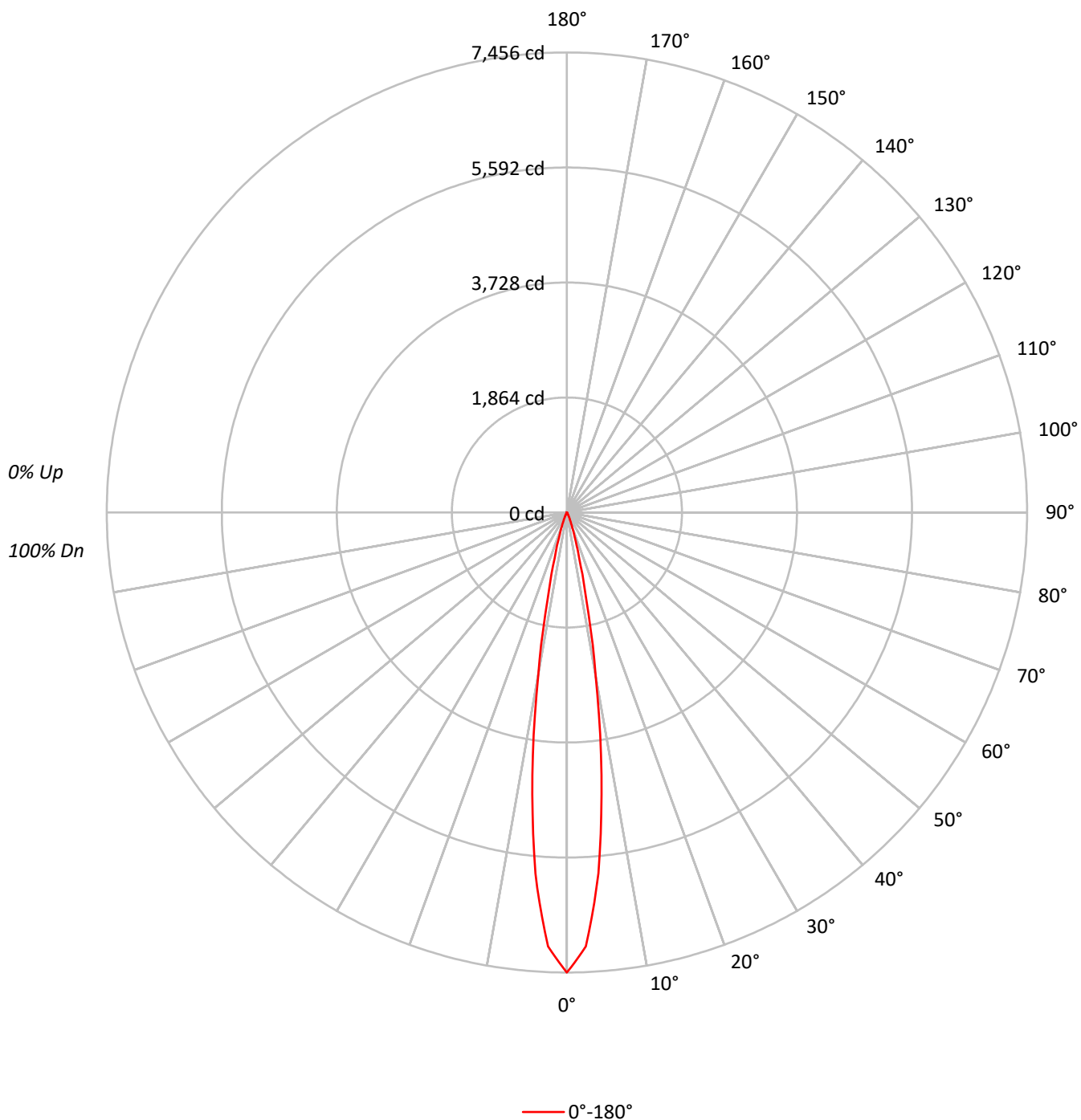
Lumens per Lamp: N/A
Luminaire Lumens: 765.0 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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: P1304965

CATALOG NUMBER: P3RT09R15B2750DE010 E3CBUS1MW_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1304965

CATALOG NUMBER: P3RT09R15B2750DE010 E3CBUS1MW_3500K

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	100	100
1	116	114	112	111	113	112	110	109	108	107	106	104	103	103	101	100	100	98	98	98
2	113	110	107	105	111	108	106	104	105	103	102	102	101	100	100	99	98	96	96	96
3	110	106	103	101	109	105	102	100	103	101	99	101	99	97	98	97	96	95	95	95
4	108	103	100	98	106	102	100	97	101	98	96	99	97	95	97	96	94	93	93	93
5	106	101	98	95	104	100	97	95	99	96	94	97	95	93	96	94	93	92	92	92
6	104	99	95	93	102	98	95	93	97	94	92	96	93	92	95	93	91	90	90	90
7	102	97	93	91	101	96	93	91	95	92	90	94	92	90	93	91	90	89	89	89
8	100	95	92	89	99	94	91	89	94	91	89	93	90	89	92	90	88	88	88	88
9	98	93	90	88	97	93	90	88	92	89	88	91	89	87	91	89	87	86	86	86
10	97	92	89	87	96	91	88	86	91	88	86	90	88	86	90	87	86	85	85	85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1634979
5°	1292337
10°	596003
15°	172623
20°	55445
25°	20832
30°	7799
35°	2409
40°	744
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: 52.5°

Luminance: 468 cd/sqm

TEST NUMBER: P1304965

CATALOG NUMBER: P3RT09R15B2750DE010 E3CBUS1MW_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	455.9	59.6
10°-20°	256.6	33.5
20°-30°	45.0	5.9
30°-40°	6.8	0.9
40°-50°	0.5	0.1
50°-60°	0.3	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°	757.5	99.0
0°-40°	764.2	99.9
0°-60°	765.0	100.0
0°-90°	765.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	765.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7456	
5°	5871	456
15°	760	257
25°	86	45
35°	9	7
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304965

CATALOG NUMBER: P3RT09R15B2750DE010 E3CBUS1MW_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	7456.1
2.5°	7041.2
5°	5871.1
7.5°	4287.4
10°	2676.7
12.5°	1447.5
15°	760.4
17.5°	421.3
20°	237.6
22.5°	138.7
25°	86.1
27.5°	52.7
30°	30.8
32.5°	14.1
35°	9.0
37.5°	5.1
40°	2.6
42.5°	1.3
45°	0.0
47.5°	0.0
50°	0.0
52.5°	1.3
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)