

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: P1304918

Luminaire Tested: P3RT05R30B2750DE010 E3CBUS1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-88)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT05R30B2750DE010 E3CBUS1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

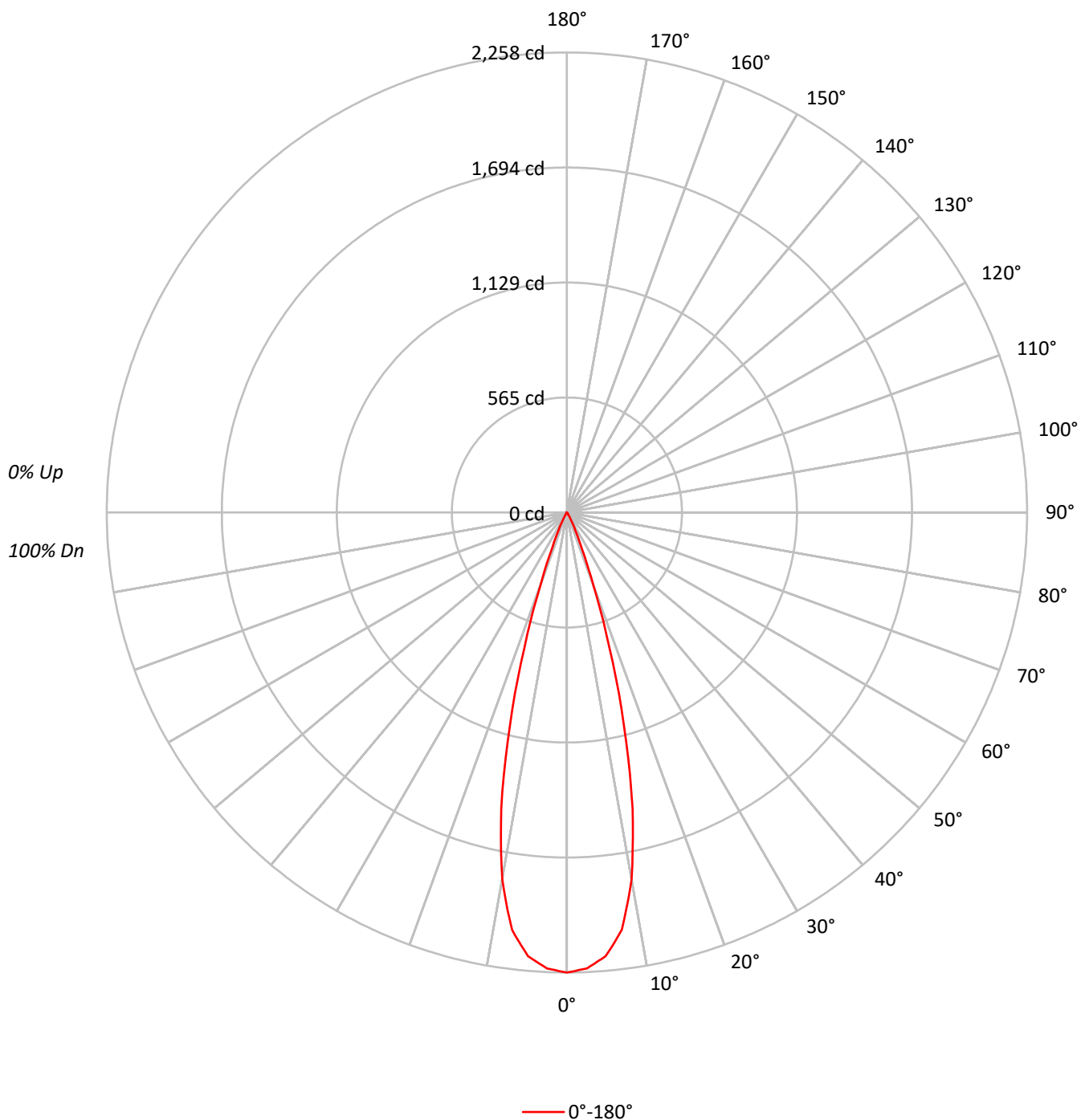
Lumens per Lamp: N/A
Luminaire Lumens: 552.0 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.5 / 0.45
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1304918

CATALOG NUMBER: P3RT05R30B2750DE010 E3CBUS1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1304918

CATALOG NUMBER: P3RT05R30B2750DE010 E3CBUS1MW_2700K

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	110		113	111	109	108		107	106	105		103	103	102		100	99	99
2	112	108	105	103		110	107	104	102		104	101	100		101	99	98		98	97	96
3	108	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	105	100	97	94		104	99	96	93		97	94	92		95	93	91		94	92	90
5	102	97	93	90		101	96	93	90		95	91	89		93	90	88		92	89	88
6	100	94	90	87		99	93	90	87		92	89	86		91	88	86		90	87	85
7	97	91	87	84		96	91	87	84		90	86	84		89	86	83		88	85	83
8	95	89	85	82		94	88	84	82		87	84	82		86	83	81		86	83	81
9	92	86	82	80		92	86	82	80		85	82	79		84	81	79		84	81	79
10	90	84	80	78		90	84	80	78		83	80	77		82	79	77		82	79	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	495136
5°	481091
10°	407185
15°	245245
20°	88324
25°	24824
30°	6558
35°	2543
40°	973
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: P1304918

CATALOG NUMBER: P3RT05R30B2750DE010 E3CBUS1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.8	35.8
10°-20°	287.5	52.1
20°-30°	59.4	10.8
30°-40°	6.9	1.3
40°-50°	0.5	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°	544.6	98.7
0°-40°	551.5	99.9
0°-60°	552.0	100.0
0°-90°	552.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	552.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2258	
5°	2186	198
15°	1080	287
25°	103	59
35°	10	7
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304918

CATALOG NUMBER: P3RT05R30B2750DE010 E3CBUS1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2258.0
2.5°	2239.9
5°	2185.6
7.5°	2065.8
10°	1828.7
12.5°	1488.1
15°	1080.3
17.5°	691.5
20°	378.5
22.5°	189.7
25°	102.6
27.5°	56.0
30°	25.9
32.5°	15.5
35°	9.5
37.5°	6.0
40°	3.4
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)