

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: P1284941

Luminaire Tested: P3AS13R35B2750DE010 E3DL1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35B2750DE010 E3DL1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

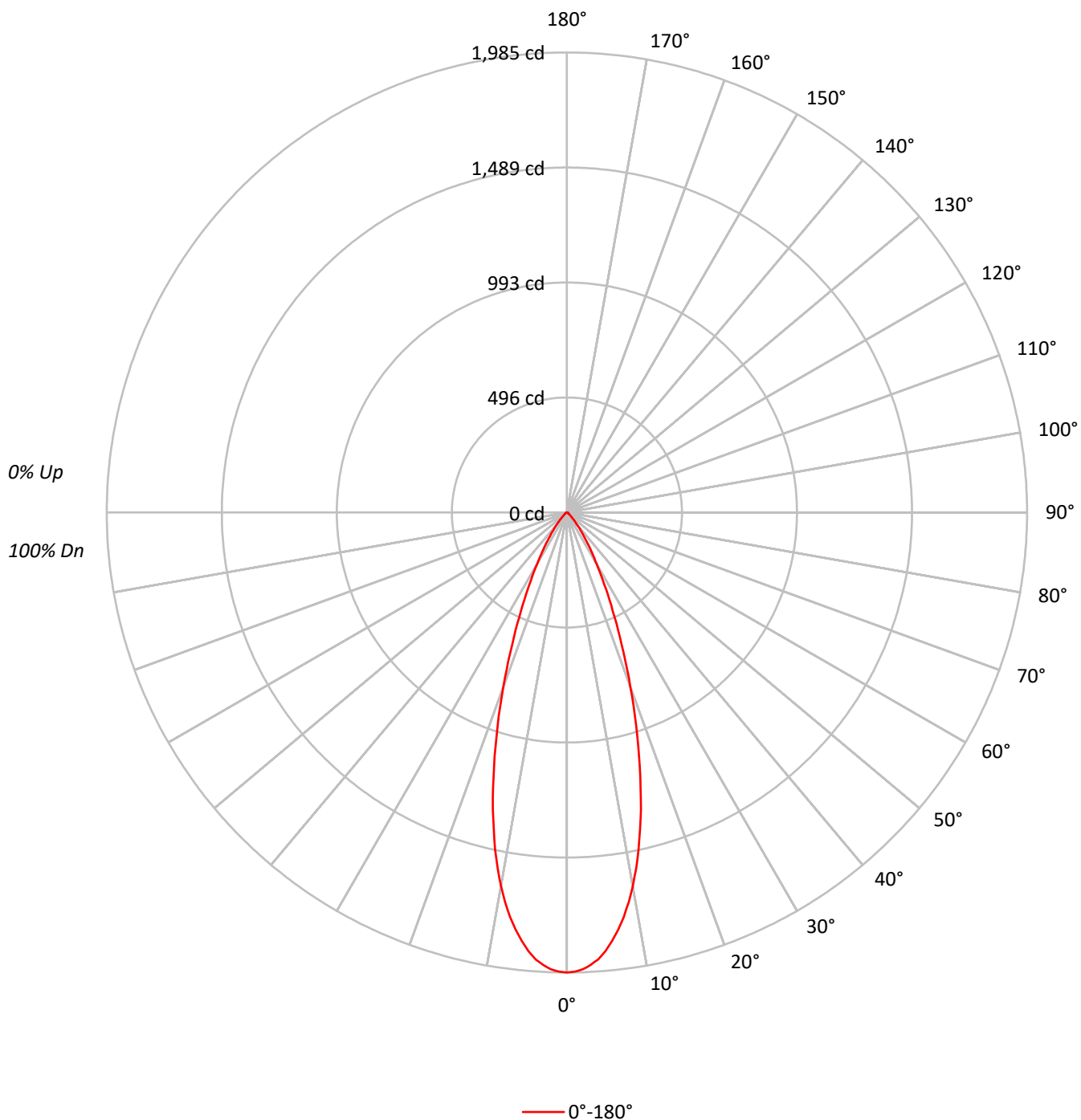
Lumens per Lamp: N/A
Luminaire Lumens: 863.0 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1284941

CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1WMH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1284941

CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1WMH_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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	435250
5°	418313
10°	364478
15°	279162
20°	186776
25°	113015
30°	64845
35°	36246
40°	19265
45°	9924
50°	4776
55°	3785
60°	3596
65°	2958
70°	3142
75°	2796
80°	3157
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9924 cd/sqm

TEST NUMBER: P1284941

CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.9	20.0
10°-20°	335.1	38.8
20°-30°	219.4	25.4
30°-40°	89.0	10.3
40°-50°	26.7	3.1
50°-60°	9.1	1.1
60°-70°	6.1	0.7
70°-80°	3.6	0.4
80°-90°	1.2	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°	727.4	84.3
0°-40°	816.3	94.6
0°-60°	852.1	98.7
0°-90°	863.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	863.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1985	
5°	1900	173
15°	1230	335
25°	467	219
35°	135	89
45°	32	27
55°	10	9
65°	6	6
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1284941

CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1984.9
1°	1981.7
2°	1972.6
3°	1954.6
4°	1933.2
5°	1900.4
6°	1859.3
7°	1813.4
8°	1761.7
9°	1702.6
10°	1636.9
11°	1563.8
12°	1487.5
13°	1402.1
14°	1320.8
15°	1229.7
17.5°	1008.9
20°	800.4
22.5°	615.7
25°	467.1
27.5°	348.1
30°	256.1
32.5°	188.0
35°	135.4
37.5°	96.0
40°	67.3
42.5°	46.8
45°	32.0
47.5°	21.3
50°	14.0
52.5°	10.7
55°	9.9
57.5°	9.0
60°	8.2
62.5°	7.4
65°	5.7
67.5°	4.9
70°	4.9
72.5°	4.1
75°	3.3
77.5°	2.5
80°	2.5
82.5°	1.6
85°	0.8
87.5°	0.8



TEST NUMBER: P1284941

CATALOG NUMBER: P3AS13R35B2750DE010 E3DL1WMH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)