

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P684906

Luminaire Tested: **LX6C20D010 EX6209040 6LRMDLI**

Issue Date: 2/15/2022



Test Information

Test Method: LM-79-08
Report Number: P684906
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX6C20D010 EX6209040 6LRMDLI
Description: 6 INCH 2000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 6LRMD45 TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

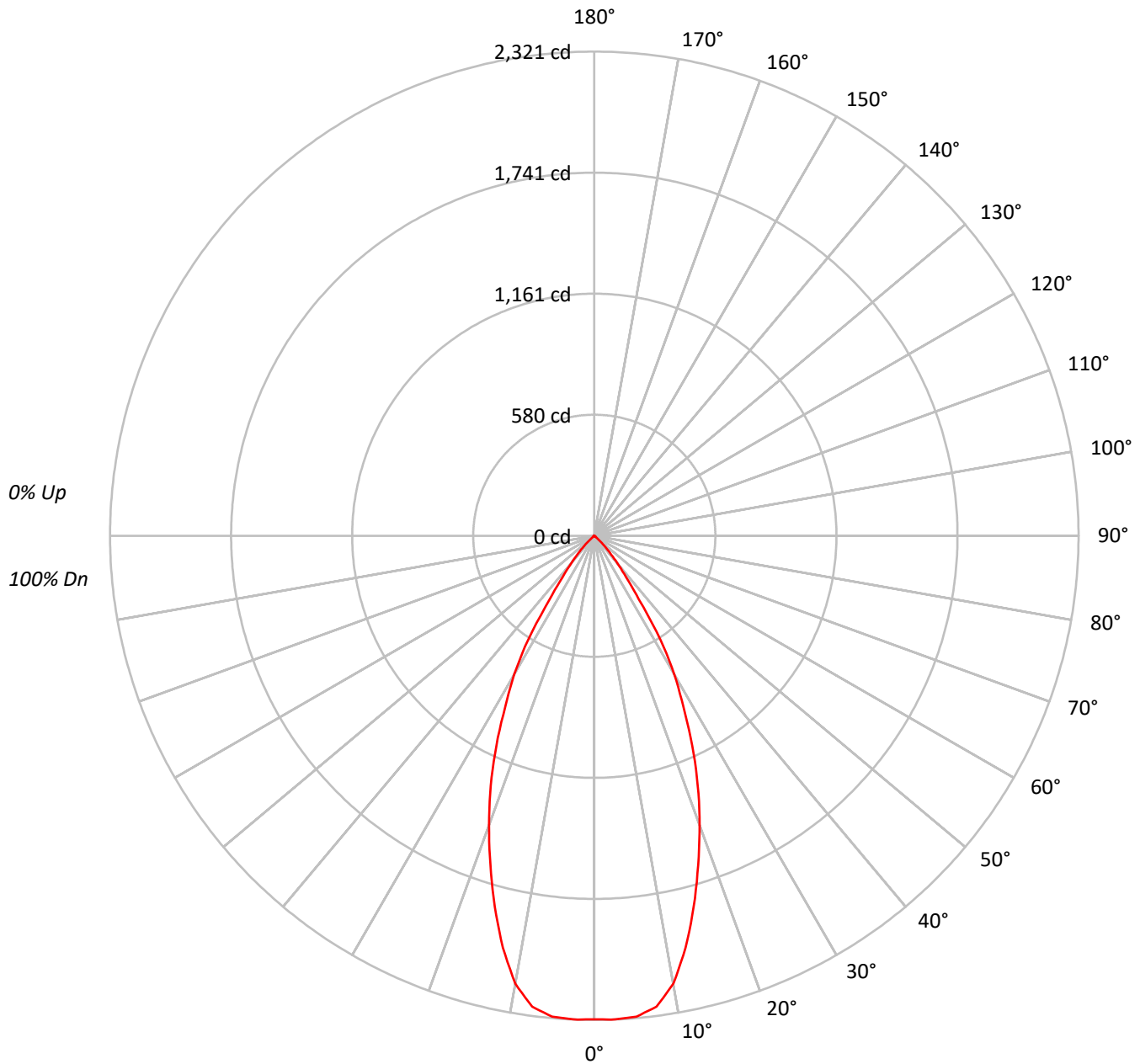
Lumens per Lamp: N/A
Luminaire Lumens: 1552.0 lumens
Efficiency: N/A
Efficacy: 71.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.77
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 21.8
Input Voltage (V):
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: 25 FT

TEST NUMBER: P684906

CATALOG NUMBER: LX6C20D010 EX6209040 6LRMDLI

Luminous Intensity Polar Plot





TEST NUMBER: P684906

CATALOG NUMBER: LX6C20D010 EX6209040 6LRMDLI

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	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	107	103	99	96	99	97	94		96	94	92		94
3	104	98	93	90	102	97	92	89	94	90	87		92	89	86		89
4	99	92	87	83	97	91	86	83	89	85	82		87	83	81		85
5	95	87	81	77	93	86	81	77	84	80	76		83	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		79	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	70	67		74
8	83	74	68	64	81	73	68	64	72	67	64		71	67	64		70
9	79	70	65	61	78	70	64	61	69	64	61		68	63	60		67
10	76	67	61	58	75	66	61	58	65	61	57		65	60	57		64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	127079
5°	127322
10°	121340
15°	104478
20°	86072
25°	67226
30°	48552
35°	24862
40°	12123
45°	5039
50°	921
55°	535
60°	351
65°	259
70°	192
75°	169
80°	126
85°	0



TEST NUMBER: P684906

CATALOG NUMBER: LX6C20D010 EX6209040 6LRMDLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.9	14.0
10°-20°	510.2	32.9
20°-30°	505.4	32.6
30°-40°	256.2	16.5
40°-50°	55.2	3.6
50°-60°	5.3	0.3
60°-70°	2.0	0.1
70°-80°	0.7	0.0
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°	1232.5	79.4
0°-40°	1488.6	95.9
0°-60°	1549.1	99.8
0°-90°	1552.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1552.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2318	
5°	2314	217
15°	1841	510
25°	1111	505
35°	372	256
45°	65	55
55°	6	5
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P684906

CATALOG NUMBER: LX6C20D010 EX6209040 6LRMDLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	2318.1
2.5°	2320.9
5°	2313.7
7.5°	2277.4
10°	2179.8
12.5°	2022.7
15°	1840.9
17.5°	1654.8
20°	1475.4
22.5°	1296.0
25°	1111.4
27.5°	923.3
30°	767.0
32.5°	590.8
35°	371.5
37.5°	249.9
40°	169.4
42.5°	109.6
45°	65.0
47.5°	29.1
50°	10.8
52.5°	7.2
55°	5.6
57.5°	4.0
60°	3.2
62.5°	2.4
65°	2.0
67.5°	1.6
70°	1.2
72.5°	0.8
75°	0.8
77.5°	0.4
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)