

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: P684458

Luminaire Tested: **LX6C60D010 EX6C609035 6LBMDH**

Issue Date: 2/15/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P684458  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C60D010 EX6C609035 6LBMDH  
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS  
AND 6LRMD45 TRIM WITH H FINISH  
Light Source: -  
Ballast/Driver: -

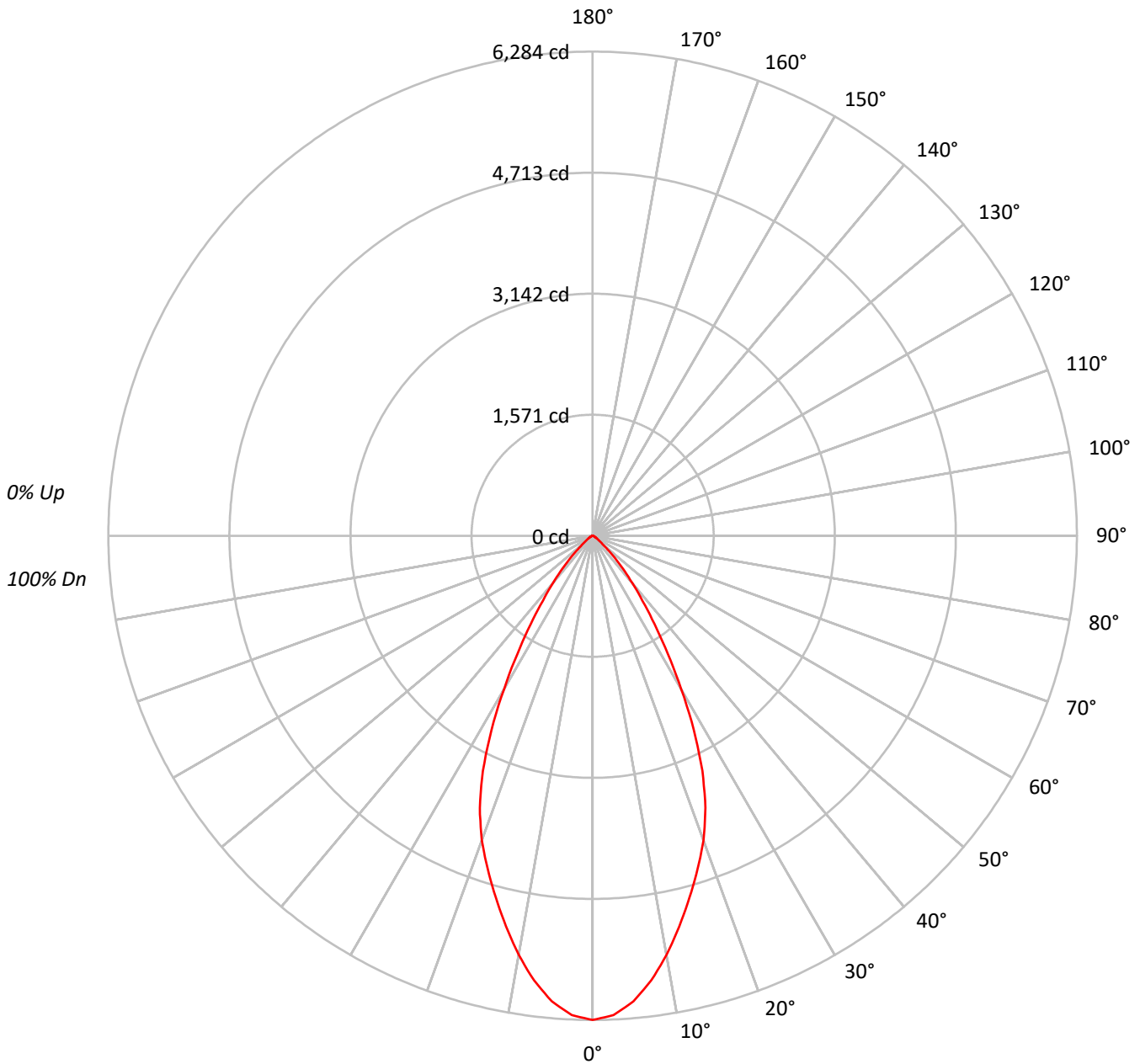
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4781.0 lumens  
Efficiency: N/A  
Efficacy: 66.4 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.8  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 72  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93			
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87			
3	102	96	91	87	100	95	90	86	92	88	85	90	86	84	87	85	82	81			
4	97	90	84	80	95	89	83	80	86	82	79	84	81	78	83	79	77	75			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70			
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66			
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62			
8	80	70	64	60	78	70	64	60	68	63	60	67	63	59	66	62	59	58			
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	344484
5°	333826
10°	307398
15°	275717
20°	245319
25°	203721
30°	145548
35°	93558
40°	57014
45°	31693
50°	14038
55°	8134
60°	5350
65°	3801
70°	2677
75°	2076
80°	1326
85°	881



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	561.5	11.7
10°-20°	1359.2	28.4
20°-30°	1511.5	31.6
30°-40°	895.6	18.7
40°-50°	328.1	6.9
50°-60°	82.4	1.7
60°-70°	30.1	0.6
70°-80°	10.5	0.2
80°-90°	2.1	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°	3432.2	71.8
0°-40°	4327.8	90.5
0°-60°	4738.4	99.1
0°-90°	4781.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4781.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	6284	
5°	6066	562
15°	4858	1359
25°	3368	1512
35°	1398	896
45°	409	328
55°	85	82
65°	29	30
75°	10	10
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	6283.9
2.5°	6228.1
5°	6066.3
7.5°	5820.7
10°	5522.2
12.5°	5192.9
15°	4858.1
17.5°	4533.0
20°	4205.1
22.5°	3824.2
25°	3368.0
27.5°	2843.4
30°	2299.3
32.5°	1812.4
35°	1398.0
37.5°	1061.7
40°	796.7
42.5°	580.4
45°	408.8
47.5°	259.5
50°	164.6
52.5°	115.8
55°	85.1
57.5°	64.2
60°	48.8
62.5°	37.7
65°	29.3
67.5°	22.3
70°	16.7
72.5°	12.6
75°	9.8
77.5°	7.0
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)