

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: P563977

Luminaire Tested: **LX6C60D010 EX6C609030 6LBMH**

Issue Date: 2/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P563977  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C60D010 EX6C609030 6LBMH  
Description: 6 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS  
AND 6LBM TRIM WITH H FINISH, DIM TO WARM  
Light Source: -  
Ballast/Driver: -

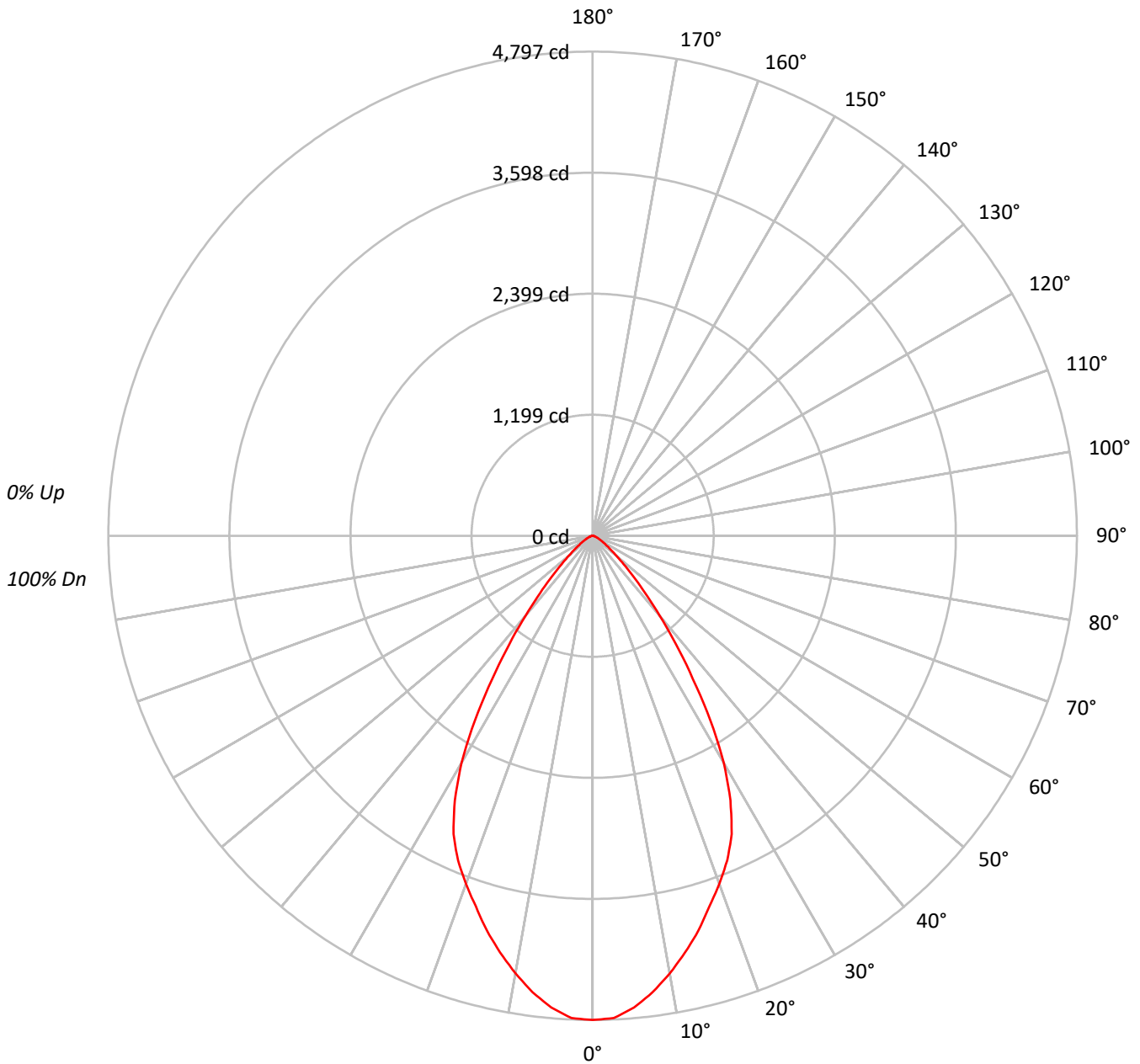
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4847.0 lumens  
Efficiency: N/A  
Efficacy: 67.3 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93  
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	100	100	100
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92	92	92	92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85	85	85	85
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78	78	78	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72	72	72	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66	66	66	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61	61	61	61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57	57	57	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53	53	53	53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49	49	49	49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46	46	46	46

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

	0°
0°	262961
5°	258254
10°	245058
15°	229803
20°	214014
25°	197195
30°	164310
35°	115810
40°	73803
45°	44012
50°	25986
55°	16525
60°	11392
65°	8081
70°	5562
75°	4406
80°	2147
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	438.6	9.0
10°-20°	1134.6	23.4
20°-30°	1470.2	30.3
30°-40°	1091.5	22.5
40°-50°	460.8	9.5
50°-60°	163.6	3.4
60°-70°	63.1	1.3
70°-80°	21.9	0.5
80°-90°	2.8	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°	3043.4	62.8
0°-40°	4134.8	85.3
0°-60°	4759.2	98.2
0°-90°	4847.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4847.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4797	
5°	4693	439
15°	4049	1135
25°	3260	1470
35°	1730	1091
45°	568	461
55°	173	164
65°	62	63
75°	21	22
85°	0	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	4796.8
2.5°	4782.9
5°	4693.0
7.5°	4561.3
10°	4402.3
12.5°	4229.1
15°	4049.1
17.5°	3848.6
20°	3668.5
22.5°	3481.7
25°	3260.1
27.5°	2955.5
30°	2595.7
32.5°	2173.2
35°	1730.5
37.5°	1356.7
40°	1031.3
42.5°	768.2
45°	567.7
47.5°	415.2
50°	304.7
52.5°	228.4
55°	172.9
57.5°	131.4
60°	103.9
62.5°	76.2
65°	62.3
67.5°	48.3
70°	34.7
72.5°	27.6
75°	20.8
77.5°	13.9
80°	6.8
82.5°	6.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)