

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: P684007

Luminaire Tested: **LX6C130D010 EX6C1309035 6LBSH**

Issue Date: 2/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P684007  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204188)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX6C130D010 EX6C1309035 6LBSH  
Description: 6 INCH 13000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3500K, 90CRI LEDS  
AND 6LBS TRIM WITH H FINISH  
Light Source: -  
Ballast/Driver: -

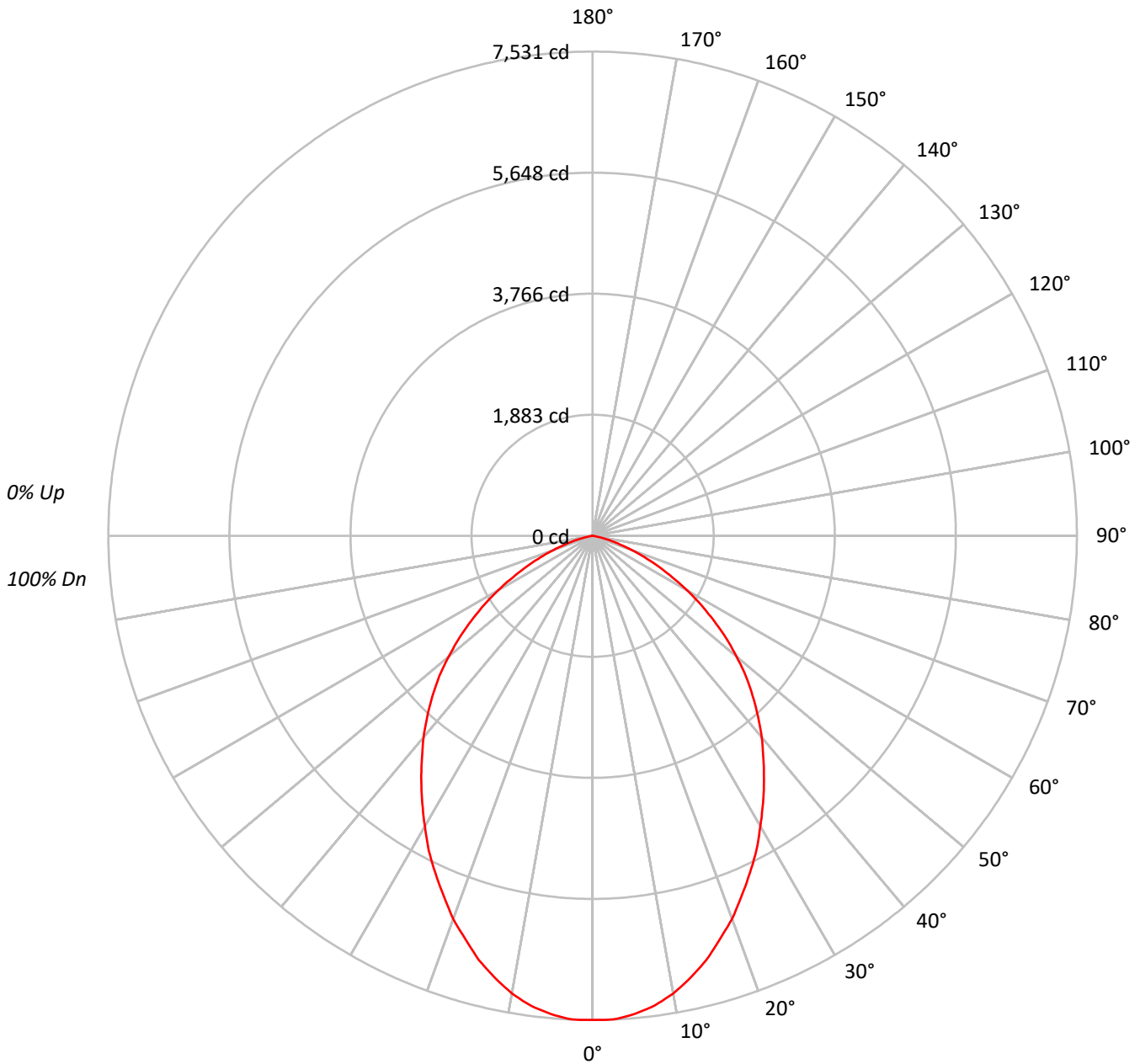
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14400.0 lumens  
Efficiency: N/A  
Efficacy: 99.8 lumens/watt  
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 144.3  
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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88			
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77			
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67			
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58			
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51			
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46			
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41			
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37			
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34			
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31			

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

	0°
0°	412862
5°	410939
10°	402459
15°	387817
20°	369982
25°	350046
30°	330190
35°	310898
40°	292741
45°	272881
50°	248811
55°	219739
60°	185994
65°	146047
70°	104200
75°	57082
80°	10039
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	705.4	4.9
10°-20°	1917.3	13.3
20°-30°	2662.7	18.5
30°-40°	2905.7	20.2
40°-50°	2710.6	18.8
50°-60°	2057.4	14.3
60°-70°	1126.6	7.8
70°-80°	310.0	2.2
80°-90°	4.3	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°	5285.4	36.7
0°-40°	8191.1	56.9
0°-60°	12959.1	90.0
0°-90°	14400.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14400.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7531	
5°	7468	705
15°	6833	1917
25°	5787	2663
35°	4646	2906
45°	3520	2711
55°	2299	2057
65°	1126	1127
75°	270	310
85°	0	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	7531.2
2.5°	7531.2
5°	7467.6
7.5°	7372.4
10°	7229.9
12.5°	7039.6
15°	6833.3
17.5°	6579.7
20°	6342.0
22.5°	6056.6
25°	5787.1
27.5°	5517.5
30°	5216.2
32.5°	4930.7
35°	4645.6
37.5°	4360.2
40°	4090.7
42.5°	3805.2
45°	3519.8
47.5°	3234.3
50°	2917.4
52.5°	2616.0
55°	2299.1
57.5°	1997.8
60°	1696.4
62.5°	1395.4
65°	1125.9
67.5°	871.9
70°	650.1
72.5°	443.9
75°	269.5
77.5°	127.0
80°	31.8
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)