

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: P844122

Luminaire Tested: **LD6C20DE010B2750 EU6C20B30 6LBMH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844122  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C20DE010B2750 EU6C20B30 6LBMH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

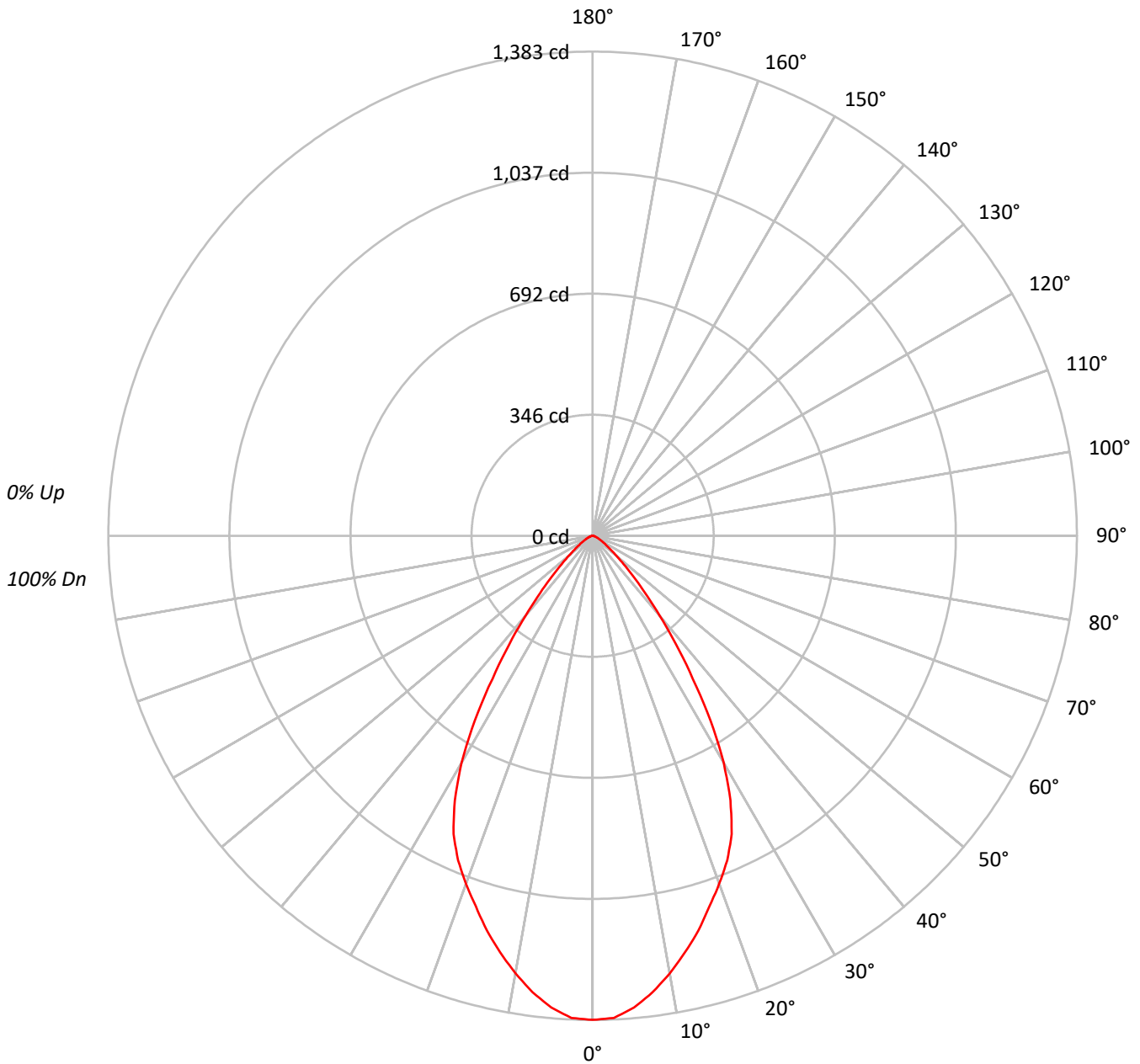
Lumens per Lamp: N/A  
Luminaire Lumens: 1397.1 lumens  
Efficiency: N/A  
Efficacy: 64.1 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 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

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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	87	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°	75794
5°	74439
10°	70634
15°	66238
20°	61687
25°	56840
30°	47362
35°	33381
40°	21276
45°	12683
50°	7488
55°	4760
60°	3278
65°	2335
70°	1603
75°	1271
80°	631
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	126.4	9.0
10°-20°	327.0	23.4
20°-30°	423.8	30.3
30°-40°	314.6	22.5
40°-50°	132.8	9.5
50°-60°	47.1	3.4
60°-70°	18.2	1.3
70°-80°	6.3	0.5
80°-90°	0.8	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°	877.2	62.8
0°-40°	1191.8	85.3
0°-60°	1371.8	98.2
0°-90°	1397.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1397.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1383	
5°	1353	126
15°	1167	327
25°	940	424
35°	499	315
45°	164	133
55°	50	47
65°	18	18
75°	6	6
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1382.6
2.5°	1378.6
5°	1352.7
7.5°	1314.9
10°	1268.9
12.5°	1219.0
15°	1167.1
17.5°	1109.4
20°	1057.4
22.5°	1003.6
25°	939.7
27.5°	851.9
30°	748.2
32.5°	626.4
35°	498.8
37.5°	391.1
40°	297.3
42.5°	221.5
45°	163.6
47.5°	119.7
50°	87.8
52.5°	65.8
55°	49.8
57.5°	37.9
60°	29.9
62.5°	22.0
65°	18.0
67.5°	14.0
70°	10.0
72.5°	7.9
75°	6.0
77.5°	4.0
80°	2.0
82.5°	2.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)