

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: P843901

Luminaire Tested: **LD6C08DE010B2750 EU6C08B40 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P843901
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: LD6C08DE010B2750 EU6C08B40 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

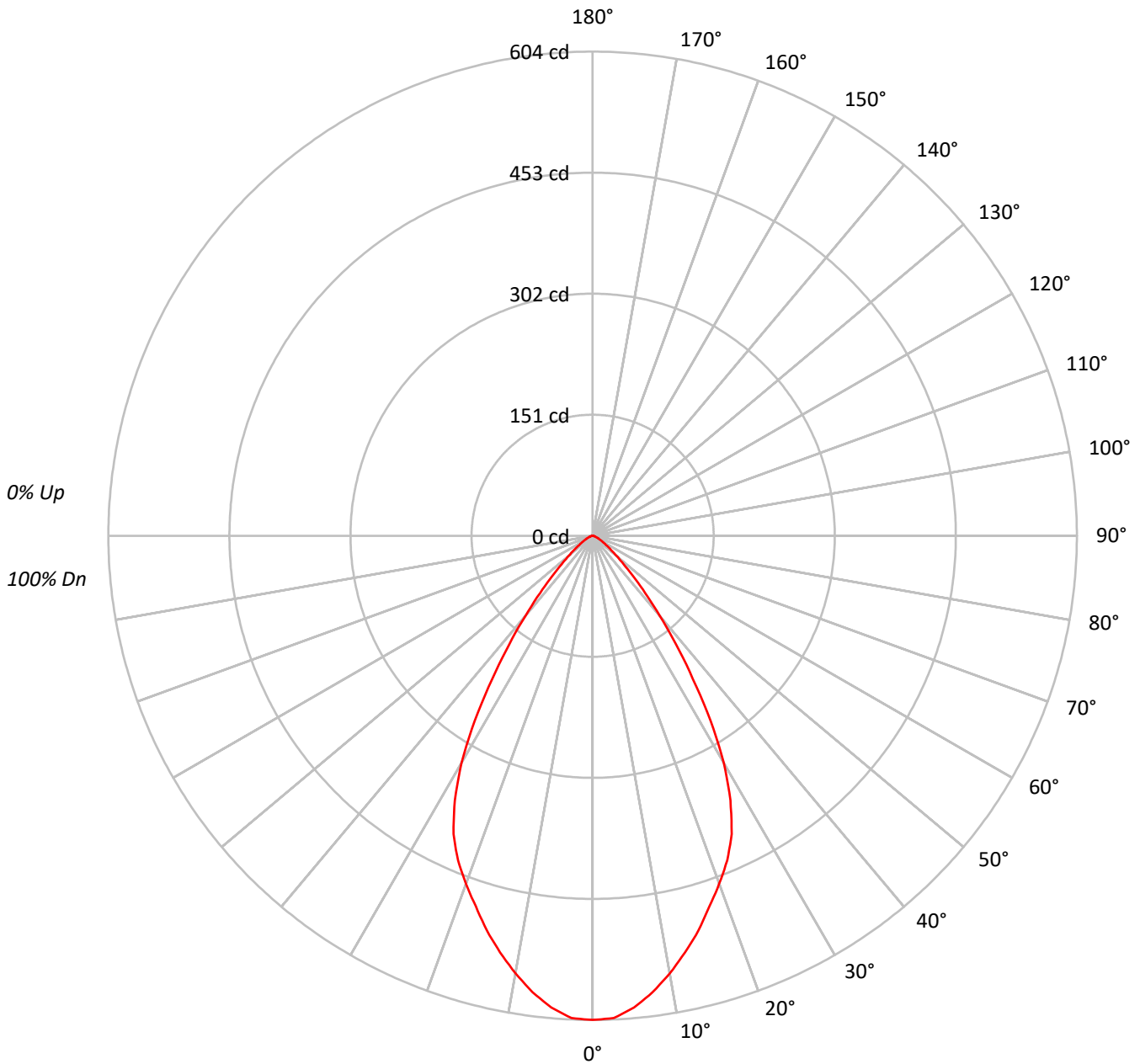
Lumens per Lamp: N/A
Luminaire Lumens: 610.2 lumens
Efficiency: N/A
Efficacy: 63.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
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									
RC	80									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																
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92			92																
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85			85																
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78			78																
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			72																
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66			66																
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61																
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57																
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			53																
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49			49																
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46			46																

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	33106
5°	32517
10°	30856
15°	28933
20°	26947
25°	24830
30°	20687
35°	14583
40°	9296
45°	5543
50°	3275
55°	2084
60°	1436
65°	1012
70°	689
75°	551
80°	253
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.2	9.0
10°-20°	142.8	23.4
20°-30°	185.1	30.3
30°-40°	137.4	22.5
40°-50°	58.0	9.5
50°-60°	20.6	3.4
60°-70°	7.9	1.3
70°-80°	2.8	0.5
80°-90°	0.3	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°	383.2	62.8
0°-40°	520.6	85.3
0°-60°	599.2	98.2
0°-90°	610.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	610.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	591	55
15°	510	143
25°	410	185
35°	218	137
45°	72	58
55°	22	21
65°	8	8
75°	3	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	603.9
2.5°	602.2
5°	590.9
7.5°	574.3
10°	554.3
12.5°	532.4
15°	509.8
17.5°	484.5
20°	461.9
22.5°	438.4
25°	410.5
27.5°	372.1
30°	326.8
32.5°	273.6
35°	217.9
37.5°	170.8
40°	129.9
42.5°	96.8
45°	71.5
47.5°	52.2
50°	38.4
52.5°	28.8
55°	21.8
57.5°	16.5
60°	13.1
62.5°	9.6
65°	7.8
67.5°	6.1
70°	4.3
72.5°	3.5
75°	2.6
77.5°	1.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)