

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: P843860

Luminaire Tested: **LD6C08DE010B2750 EU6C08B30 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843860
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B2750 EU6C08B30 6LBSCMMS
Description:
Light Source: -
Ballast/Driver:

Summary

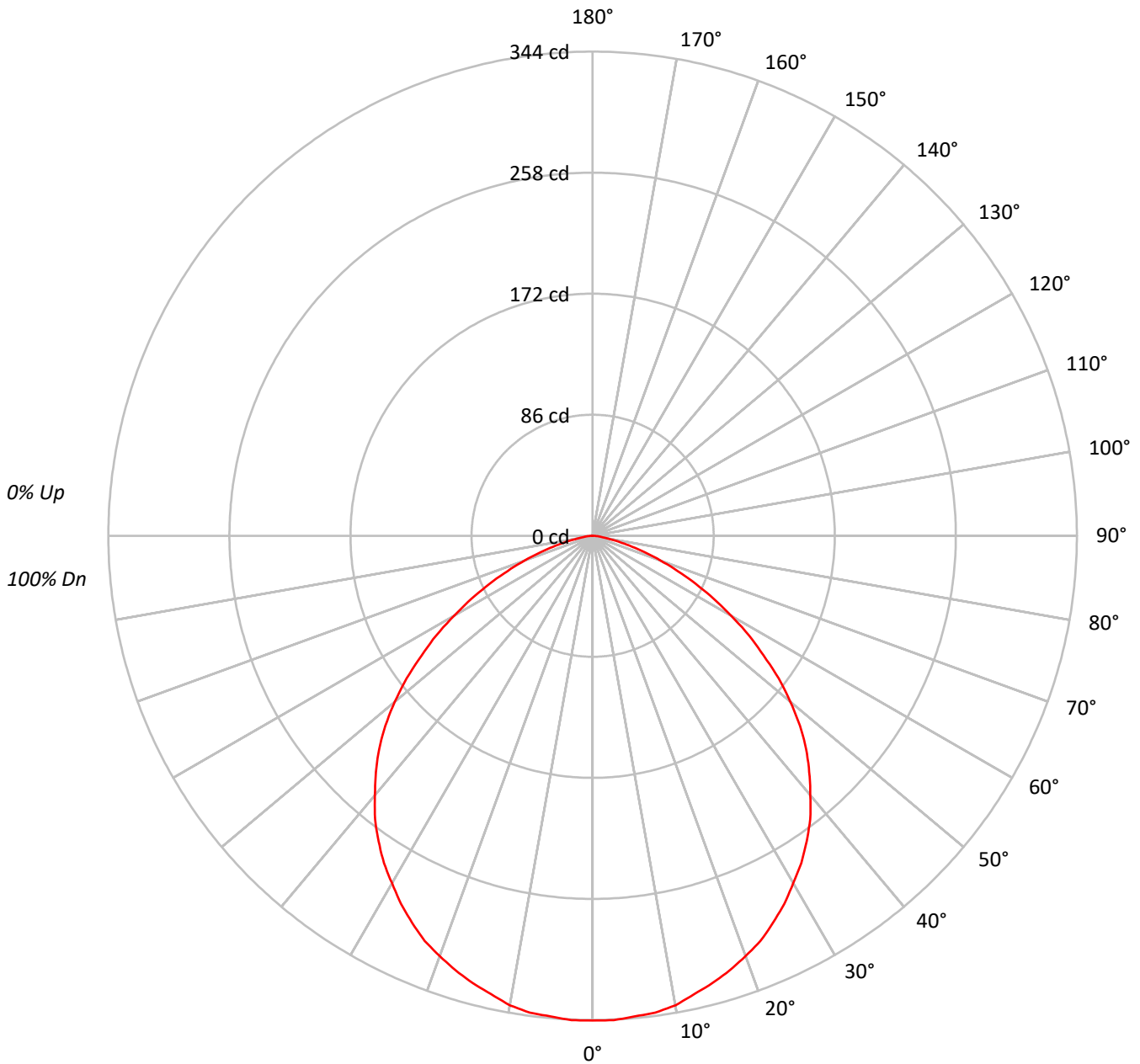
Lumens per Lamp: N/A
Luminaire Lumens: 843.0 lumens
Efficiency: N/A
Efficacy: 87.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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																			
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87																			
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74																			
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63																			
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55																			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48																			
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42																			
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37																			
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33																			
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30																			
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18880
5°	18864
10°	18854
15°	18672
20°	18534
25°	18352
30°	18041
35°	17741
40°	17218
45°	16637
50°	15641
55°	14164
60°	12433
65°	10468
70°	8190
75°	5740
80°	3220
85°	2264



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	3.9
10°-20°	92.9	11.0
20°-30°	139.7	16.6
30°-40°	165.6	19.6
40°-50°	164.8	19.5
50°-60°	132.8	15.8
60°-70°	80.4	9.5
70°-80°	29.8	3.5
80°-90°	4.4	0.5
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°	265.2	31.5
0°-40°	430.7	51.1
0°-60°	728.3	86.4
0°-90°	843.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	843.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	344	
5°	343	33
15°	329	93
25°	303	140
35°	265	166
45°	215	165
55°	148	133
65°	81	80
75°	27	30
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	344.4
2.5°	344.4
5°	342.8
7.5°	341.7
10°	338.7
12.5°	333.6
15°	329.0
17.5°	323.8
20°	317.7
22.5°	311.6
25°	303.4
27.5°	294.8
30°	285.0
32.5°	275.8
35°	265.1
37.5°	253.9
40°	240.6
42.5°	227.8
45°	214.6
47.5°	199.7
50°	183.4
52.5°	166.5
55°	148.2
57.5°	131.8
60°	113.4
62.5°	97.1
65°	80.7
67.5°	65.4
70°	51.1
72.5°	38.4
75°	27.1
77.5°	17.3
80°	10.2
82.5°	6.1
85°	3.6
87.5°	1.5
90°	0.0



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— 0°-180°







(END OF REPORT)