

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: P843859

Luminaire Tested: **LD6C08DE010B2750 EU6C08B30 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843859
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 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

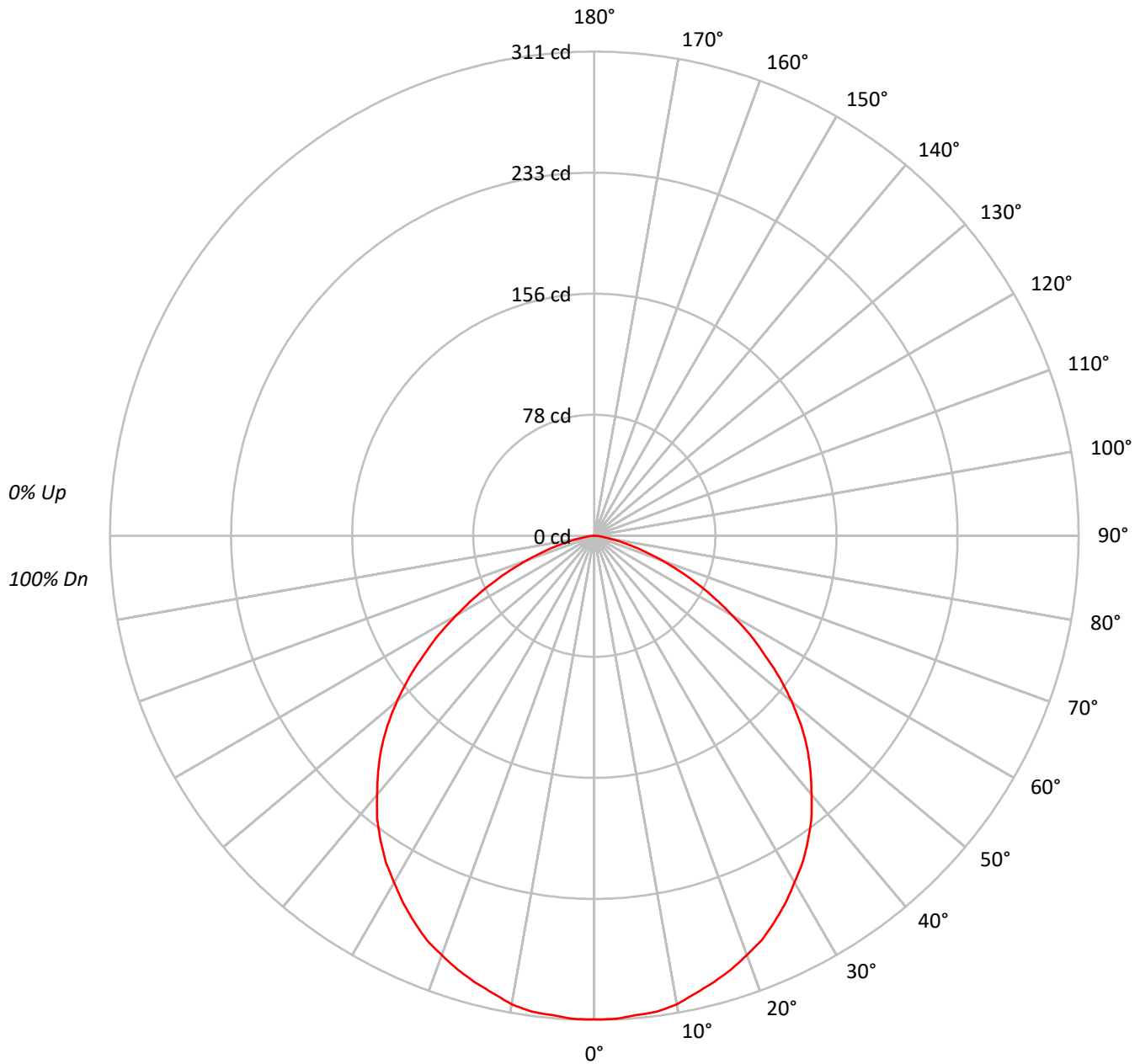
Lumens per Lamp: N/A
Luminaire Lumens: 760.4 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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					20
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	110	106	102	99		108	104	100	97		100	97	94		96	93	91		92	90	89
2	101	94	87	82		99	92	86	81		88	84	79		85	81	78		82	79	76
3	93	83	75	70		90	81	74	69		79	73	68		76	71	67		73	69	65
4	85	74	66	60		83	73	65	59		70	64	58		68	62	58		66	61	57
5	79	66	58	52		77	65	57	51		63	56	51		61	55	50		60	54	50
6	73	60	52	45		71	59	51	45		57	50	45		56	49	44		54	49	44
7	68	55	46	40		66	54	46	40		52	45	40		51	44	40		50	44	39
8	63	50	42	36		61	49	41	36		48	41	36		47	40	36		46	40	35
9	59	46	38	33		57	45	38	32		44	37	32		43	37	32		42	36	32
10	55	42	35	30		54	42	34	30		41	34	29		40	34	29		39	33	29

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	17027
5°	17010
10°	17011
15°	16845
20°	16720
25°	16555
30°	16275
35°	16008
40°	15529
45°	15002
50°	14106
55°	12779
60°	11216
65°	9443
70°	7389
75°	5168
80°	2904
85°	2013



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	3.9
10°-20°	83.8	11.0
20°-30°	126.0	16.6
30°-40°	149.4	19.6
40°-50°	148.6	19.5
50°-60°	119.8	15.8
60°-70°	72.5	9.5
70°-80°	26.9	3.5
80°-90°	4.0	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°	239.2	31.5
0°-40°	388.6	51.1
0°-60°	657.0	86.4
0°-90°	760.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	760.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	309	29
15°	297	84
25°	274	126
35°	239	149
45°	194	149
55°	134	120
65°	73	73
75°	24	27
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	310.6
2.5°	310.6
5°	309.1
7.5°	308.3
10°	305.6
12.5°	300.9
15°	296.8
17.5°	292.1
20°	286.6
22.5°	281.1
25°	273.7
27.5°	265.9
30°	257.1
32.5°	248.9
35°	239.2
37.5°	229.1
40°	217.0
42.5°	205.5
45°	193.5
47.5°	180.1
50°	165.4
52.5°	150.2
55°	133.7
57.5°	118.9
60°	102.3
62.5°	87.6
65°	72.8
67.5°	59.0
70°	46.1
72.5°	34.6
75°	24.4
77.5°	15.7
80°	9.2
82.5°	5.5
85°	3.2
87.5°	1.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)