

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: P843893

Luminaire Tested: **LD6C08DE010B2750 EU6C08B40 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843893
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 EU6C08B40 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

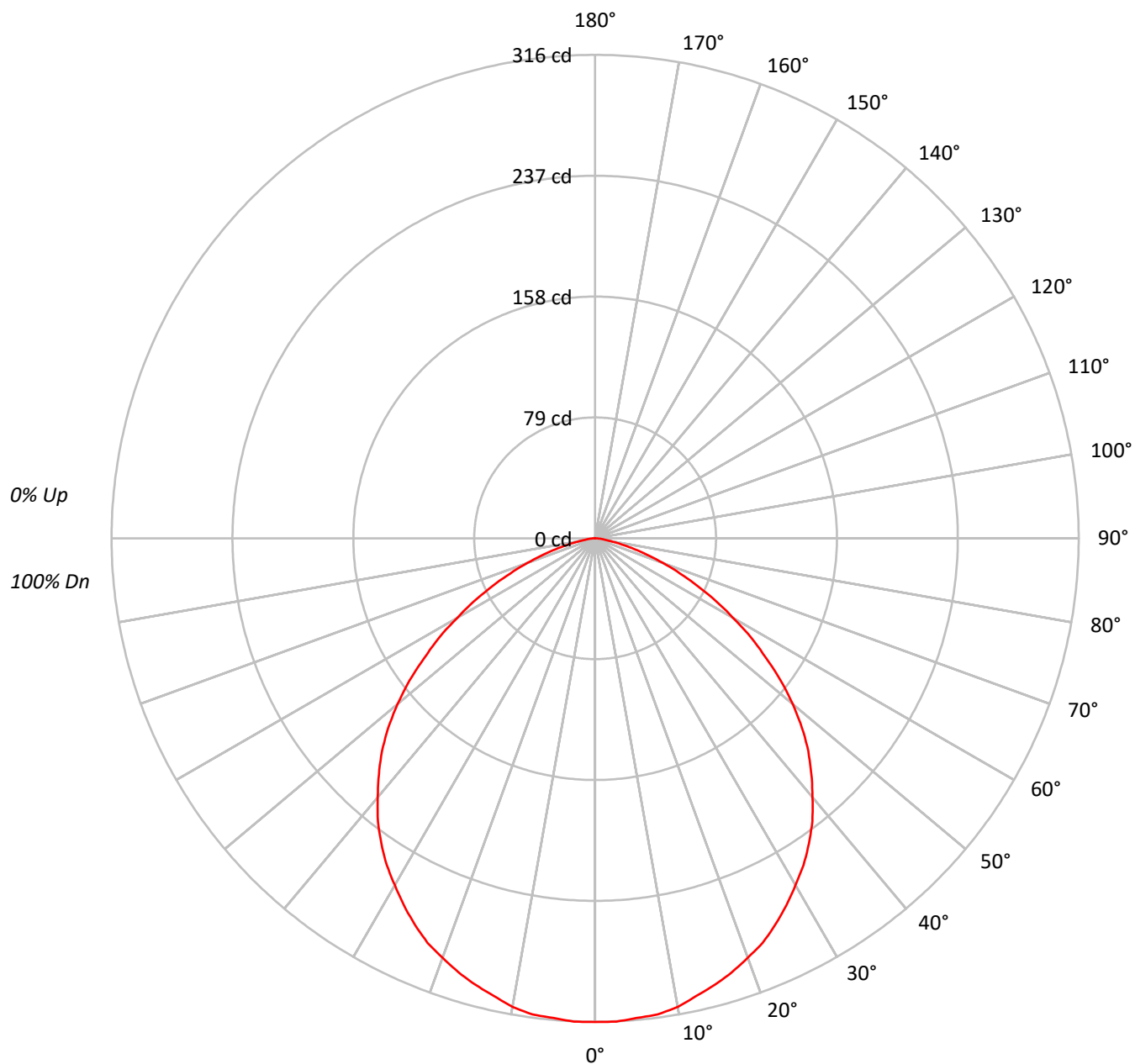
Lumens per Lamp: N/A
Luminaire Lumens: 774.2 lumens
Efficiency: N/A
Efficacy: 80.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: LD6C08DE010B2750 EU6C08B40 6LBCSMB

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					0
RW	70	50	30	10	70	50	30	10	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	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°	17334
5°	17323
10°	17318
15°	17151
20°	17023
25°	16858
30°	16572
35°	16302
40°	15815
45°	15273
50°	14371
55°	13008
60°	11414
65°	9612
70°	7533
75°	5274
80°	2936
85°	2076



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	3.9
10°-20°	85.3	11.0
20°-30°	128.3	16.6
30°-40°	152.1	19.6
40°-50°	151.3	19.5
50°-60°	122.0	15.8
60°-70°	73.8	9.5
70°-80°	27.4	3.5
80°-90°	4.1	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°	243.6	31.5
0°-40°	395.6	51.1
0°-60°	668.9	86.4
0°-90°	774.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	774.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	316	
5°	315	30
15°	302	85
25°	279	128
35°	244	152
45°	197	151
55°	136	122
65°	74	74
75°	25	27
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	316.2
2.5°	316.2
5°	314.8
7.5°	313.9
10°	311.1
12.5°	306.3
15°	302.2
17.5°	297.4
20°	291.8
22.5°	286.2
25°	278.7
27.5°	270.6
30°	261.8
32.5°	253.4
35°	243.6
37.5°	233.2
40°	221.0
42.5°	209.2
45°	197.0
47.5°	183.4
50°	168.5
52.5°	152.9
55°	136.1
57.5°	121.0
60°	104.1
62.5°	89.2
65°	74.1
67.5°	60.1
70°	47.0
72.5°	35.2
75°	24.9
77.5°	16.0
80°	9.3
82.5°	5.6
85°	3.3
87.5°	1.4
90°	0.0



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— 0°-180°







(END OF REPORT)