

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: P844201

Luminaire Tested: **LD6C25DE010B2750 EU6C25B30 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844201
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: LD6C25DE010B2750 EU6C25B30 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

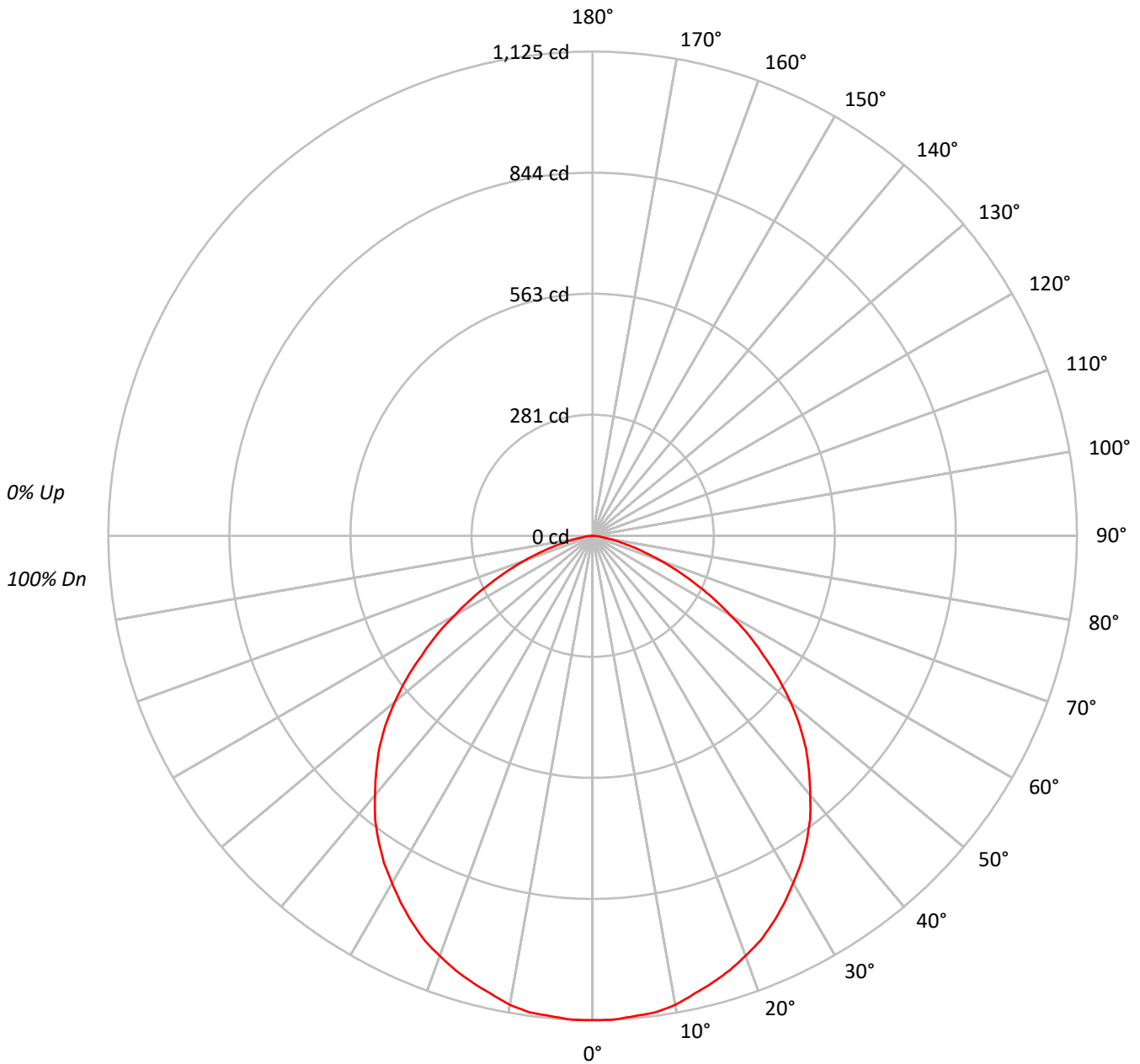
Lumens per Lamp: N/A
Luminaire Lumens: 2755.2 lumens
Efficiency: N/A
Efficacy: 92.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 29.8
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				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
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74				74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63				63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55				55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48				48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42				42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37				37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33				33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30				30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27				27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61695
5°	61644
10°	61617
15°	61028
20°	60590
25°	59985
30°	58971
35°	57996
40°	56284
45°	54370
50°	51128
55°	46287
60°	40622
65°	34206
70°	26767
75°	18745
80°	10513
85°	7296



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.6	3.9
10°-20°	303.5	11.0
20°-30°	456.6	16.6
30°-40°	541.2	19.6
40°-50°	538.5	19.5
50°-60°	434.1	15.8
60°-70°	262.6	9.5
70°-80°	97.5	3.5
80°-90°	14.5	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°	866.8	31.5
0°-40°	1407.9	51.1
0°-60°	2380.6	86.4
0°-90°	2755.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2755.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1125	
5°	1120	107
15°	1075	304
25°	992	457
35°	867	541
45°	701	539
55°	484	434
65°	264	263
75°	88	98
85°	12	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1125.4
2.5°	1125.4
5°	1120.2
7.5°	1117.1
10°	1106.9
12.5°	1090.1
15°	1075.3
17.5°	1058.6
20°	1038.6
22.5°	1018.4
25°	991.7
27.5°	963.3
30°	931.6
32.5°	901.6
35°	866.6
37.5°	829.9
40°	786.5
42.5°	744.5
45°	701.3
47.5°	652.8
50°	599.5
52.5°	544.2
55°	484.3
57.5°	430.8
60°	370.5
62.5°	317.3
65°	263.7
67.5°	213.6
70°	167.0
72.5°	125.3
75°	88.5
77.5°	56.7
80°	33.3
82.5°	20.0
85°	11.6
87.5°	5.0
90°	0.0



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— 0°-180°







(END OF REPORT)