

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: P844265

Luminaire Tested: **LD6C25DE010B50 EU6C25B50 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844265
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B50 EU6C25B50 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

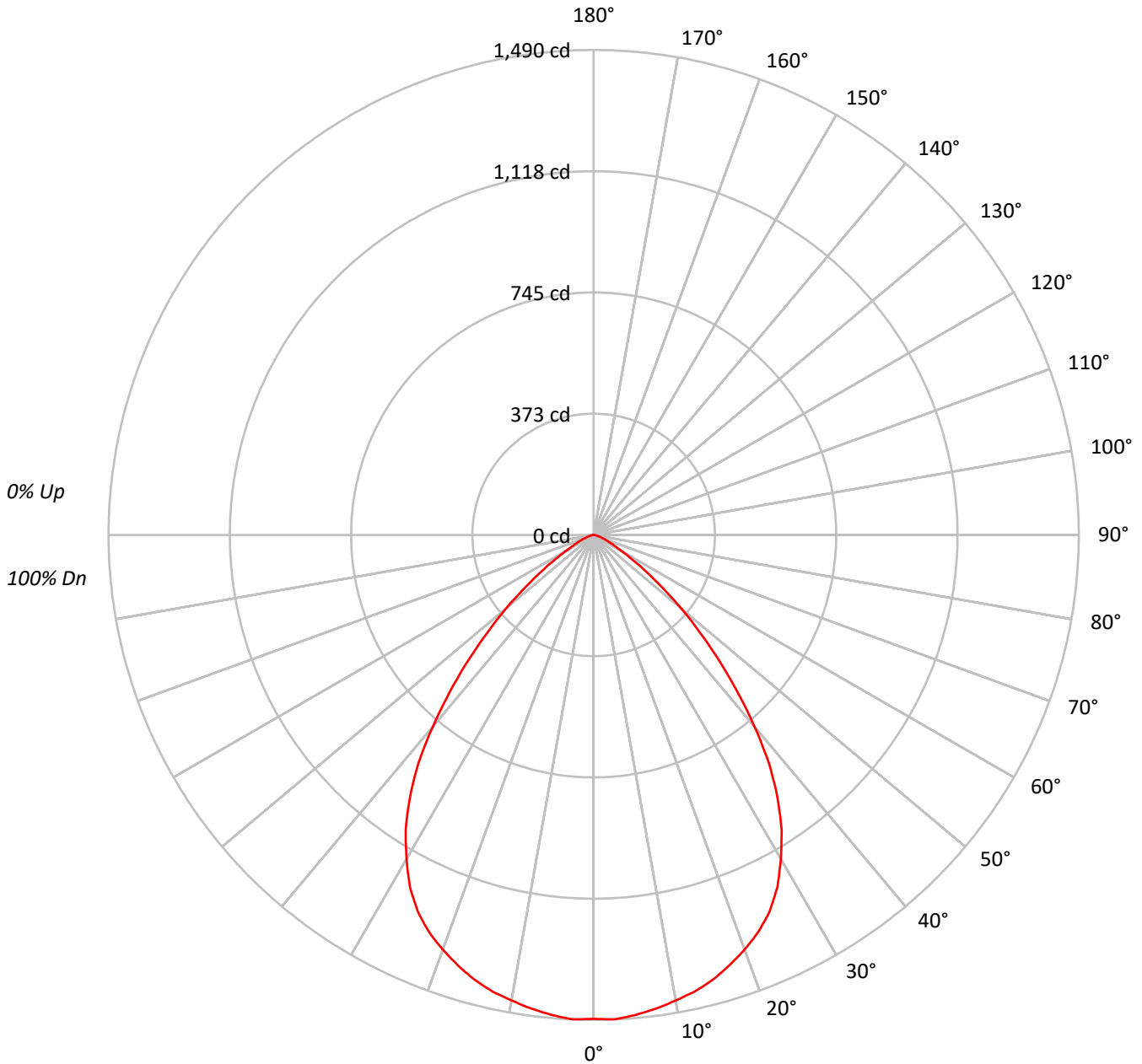
Lumens per Lamp: N/A
Luminaire Lumens: 2410.4 lumens
Efficiency: N/A
Efficacy: 80.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P844265

CATALOG NUMBER: LD6C25DE010B50 EU6C25B50 6LBWH

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			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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81496
5°	81471
10°	80838
15°	80301
20°	79078
25°	77267
30°	72752
35°	65839
40°	54982
45°	42128
50°	29841
55°	18809
60°	10613
65°	6888
70°	4488
75°	3325
80°	1957
85°	2013



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.4	5.8
10°-20°	398.4	16.5
20°-30°	584.2	24.2
30°-40°	608.0	25.2
40°-50°	420.6	17.5
50°-60°	183.2	7.6
60°-70°	56.1	2.3
70°-80°	16.8	0.7
80°-90°	2.6	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°	1123.0	46.6
0°-40°	1731.0	71.8
0°-60°	2334.8	96.9
0°-90°	2410.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2410.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1487	
5°	1480	140
15°	1415	398
25°	1277	584
35°	984	608
45°	543	421
55°	197	183
65°	53	56
75°	16	17
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1486.6
2.5°	1489.8
5°	1480.5
7.5°	1468.0
10°	1452.2
12.5°	1436.7
15°	1414.9
17.5°	1386.7
20°	1355.5
22.5°	1321.1
25°	1277.4
27.5°	1221.2
30°	1149.3
32.5°	1074.3
35°	983.8
37.5°	884.0
40°	768.3
42.5°	652.8
45°	543.4
47.5°	440.3
50°	349.9
52.5°	265.6
55°	196.8
57.5°	140.6
60°	96.8
62.5°	71.8
65°	53.1
67.5°	40.6
70°	28.0
72.5°	21.9
75°	15.7
77.5°	9.3
80°	6.2
82.5°	3.2
85°	3.2
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)