

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: P844223

Luminaire Tested: **LD6C25DE010B2750 EU6C25B35 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844223
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C25DE010B2750 EU6C25B35 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

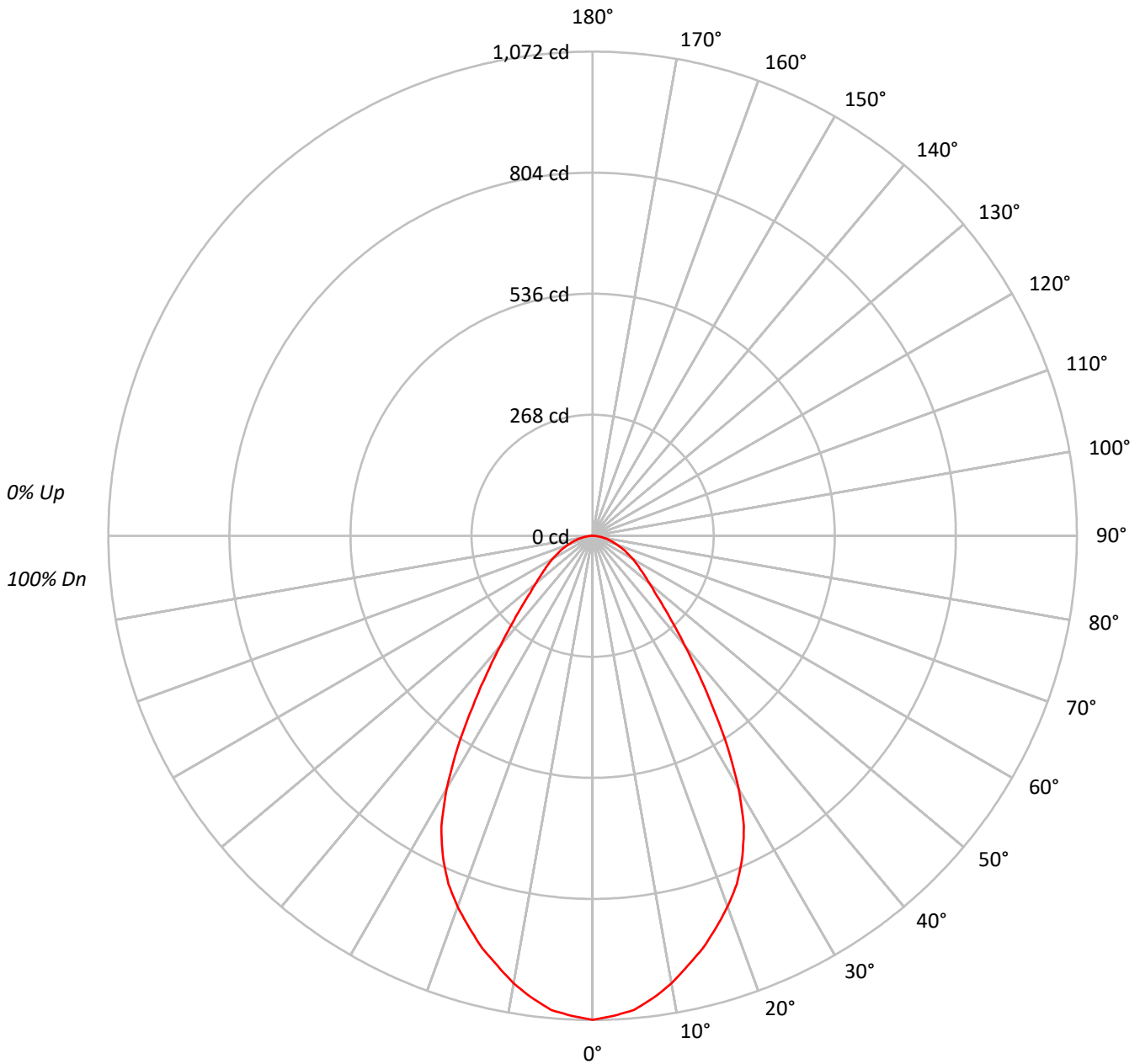
Lumens per Lamp: N/A
Luminaire Lumens: 1436.2 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
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	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	58751
5°	57990
10°	56017
15°	53627
20°	50964
25°	47446
30°	40880
35°	31026
40°	22685
45°	17203
50°	14029
55°	12301
60°	11293
65°	10273
70°	9200
75°	8388
80°	7514
85°	6164



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.0	6.9
10°-20°	265.2	18.5
20°-30°	356.0	24.8
30°-40°	292.1	20.3
40°-50°	175.4	12.2
50°-60°	116.5	8.1
60°-70°	78.1	5.4
70°-80°	42.0	2.9
80°-90°	11.8	0.8
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°	720.2	50.1
0°-40°	1012.3	70.5
0°-60°	1304.3	90.8
0°-90°	1436.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1436.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1072	
5°	1054	99
15°	945	265
25°	784	356
35°	464	292
45°	222	175
55°	129	117
65°	79	78
75°	40	42
85°	10	12
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1071.7
2.5°	1063.8
5°	1053.8
7.5°	1032.0
10°	1006.3
12.5°	974.6
15°	944.9
17.5°	909.2
20°	873.6
22.5°	834.0
25°	784.4
27.5°	725.0
30°	645.8
32.5°	556.6
35°	463.6
37.5°	384.3
40°	317.0
42.5°	263.5
45°	221.9
47.5°	188.2
50°	164.5
52.5°	144.6
55°	128.7
57.5°	114.9
60°	103.0
62.5°	89.2
65°	79.2
67.5°	67.4
70°	57.4
72.5°	47.5
75°	39.6
77.5°	31.6
80°	23.8
82.5°	17.8
85°	9.8
87.5°	3.9
90°	0.0



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— 0°-180°







(END OF REPORT)