

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: P844046

Luminaire Tested: **LD6C15DE010B2750 EU6C15B35 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844046
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: LD6C15DE010B2750 EU6C15B35 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

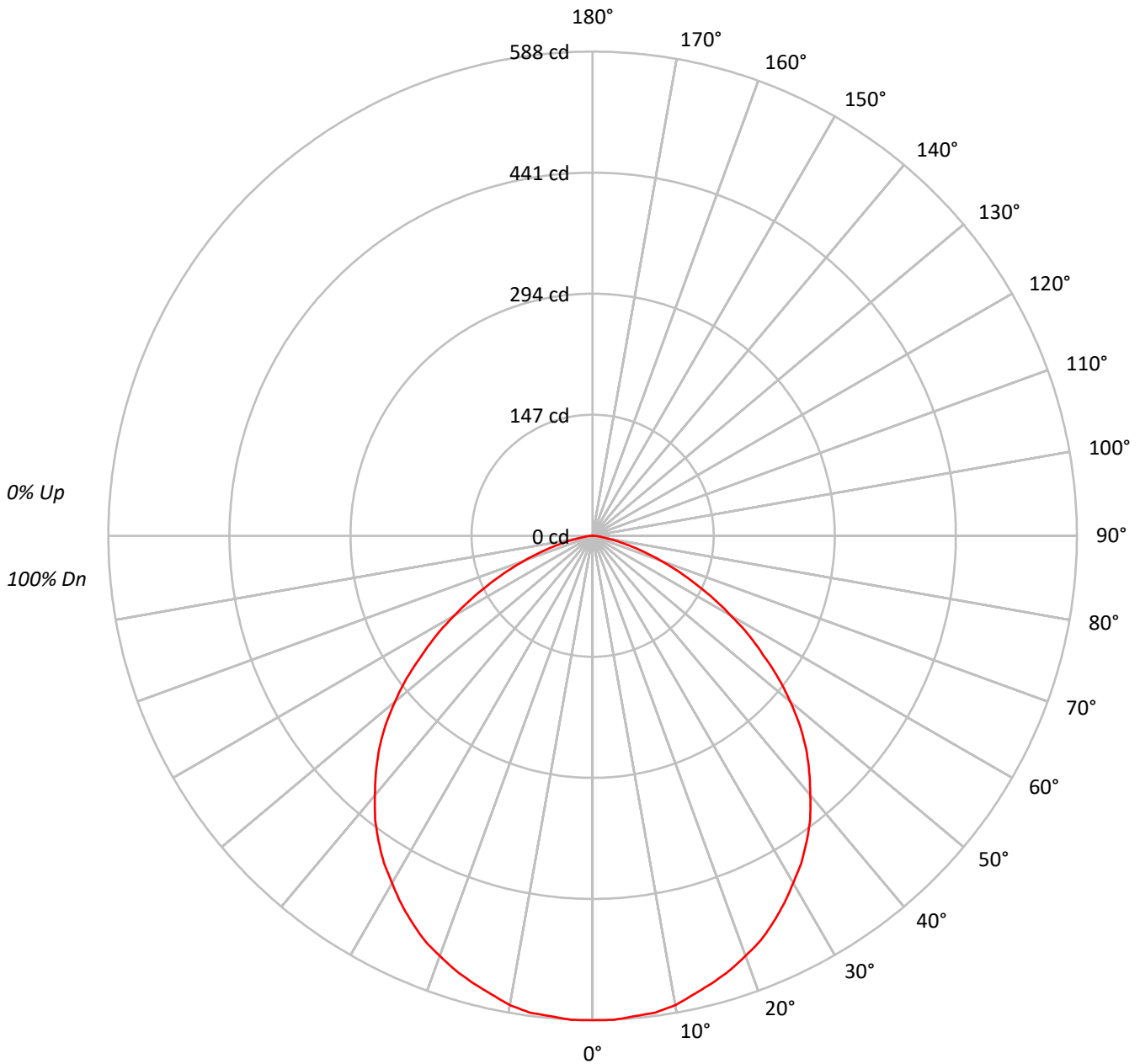
Lumens per Lamp: N/A
Luminaire Lumens: 1440.5 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
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: LD6C15DE010B2750 EU6C15B35 6LBCSMB

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°	32256
5°	32231
10°	32214
15°	31907
20°	31678
25°	31363
30°	30828
35°	30323
40°	29427
45°	28429
50°	26728
55°	24200
60°	21248
65°	17888
70°	14009
75°	9807
80°	5525
85°	3774



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.7	3.9
10°-20°	158.7	11.0
20°-30°	238.7	16.6
30°-40°	282.9	19.6
40°-50°	281.6	19.5
50°-60°	227.0	15.8
60°-70°	137.3	9.5
70°-80°	51.0	3.5
80°-90°	7.5	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°	453.2	31.5
0°-40°	736.1	51.1
0°-60°	1244.6	86.4
0°-90°	1440.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1440.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	588	
5°	586	56
15°	562	159
25°	518	239
35°	453	283
45°	367	282
55°	253	227
65°	138	137
75°	46	51
85°	6	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	588.4
2.5°	588.4
5°	585.7
7.5°	584.0
10°	578.7
12.5°	570.0
15°	562.2
17.5°	553.5
20°	543.0
22.5°	532.4
25°	518.5
27.5°	503.6
30°	487.0
32.5°	471.4
35°	453.1
37.5°	433.8
40°	411.2
42.5°	389.3
45°	366.7
47.5°	341.3
50°	313.4
52.5°	284.5
55°	253.2
57.5°	225.2
60°	193.8
62.5°	165.8
65°	137.9
67.5°	111.7
70°	87.4
72.5°	65.6
75°	46.3
77.5°	29.6
80°	17.5
82.5°	10.5
85°	6.0
87.5°	2.5
90°	0.0



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— 0°-180°







(END OF REPORT)