

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: P844044

Luminaire Tested: **LD6C15DE010B2750 EU6C15B30 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844044
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: LD6C15DE010B2750 EU6C15B30 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

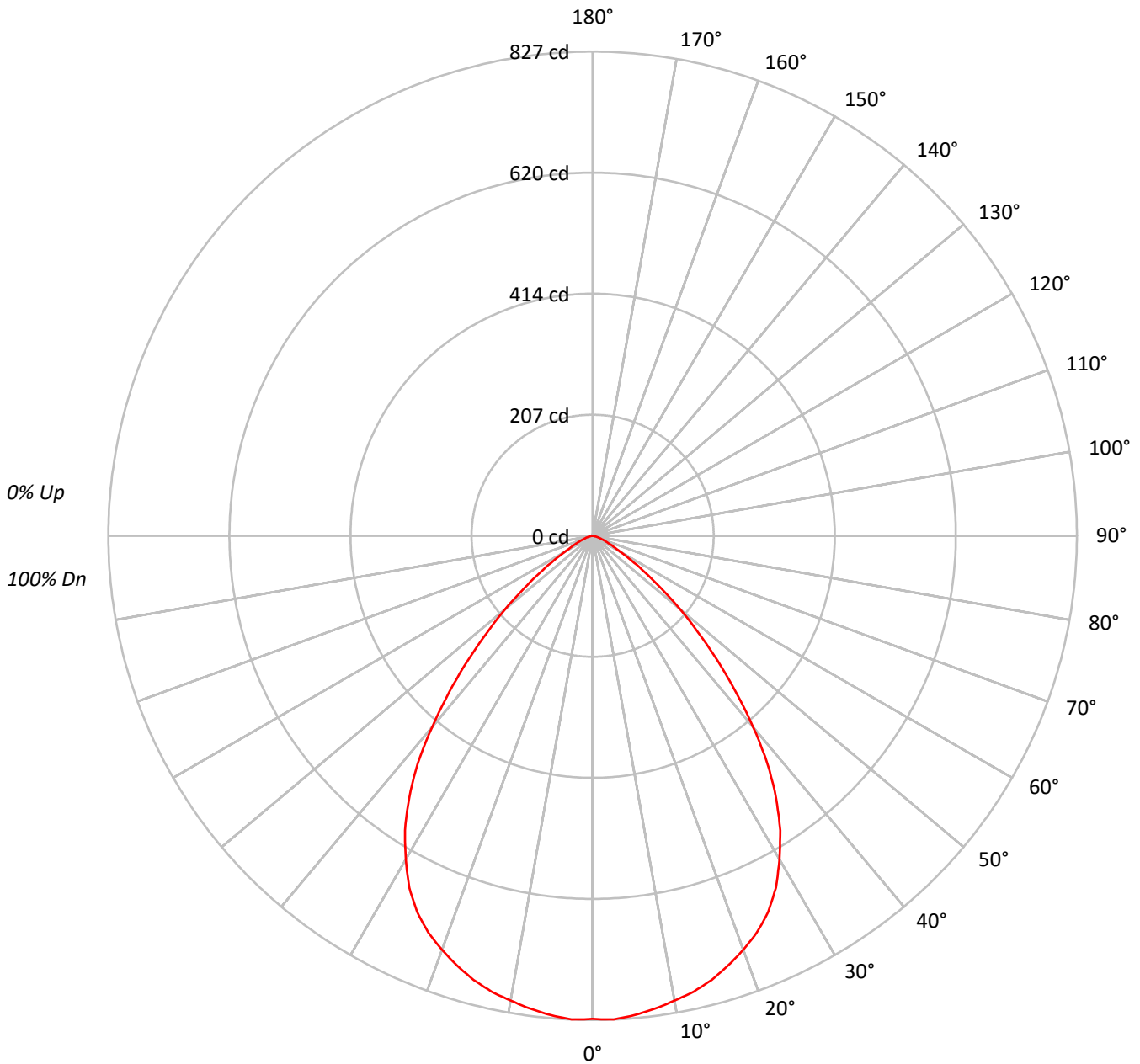
Lumens per Lamp: N/A
Luminaire Lumens: 1337.9 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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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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			
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45238
5°	45223
10°	44872
15°	44575
20°	43894
25°	42886
30°	40386
35°	36547
40°	30514
45°	23382
50°	16562
55°	10446
60°	5888
65°	3827
70°	2484
75°	1843
80°	1105
85°	1069



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.9	5.8
10°-20°	221.2	16.5
20°-30°	324.3	24.2
30°-40°	337.5	25.2
40°-50°	233.5	17.5
50°-60°	101.7	7.6
60°-70°	31.2	2.3
70°-80°	9.4	0.7
80°-90°	1.4	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°	623.4	46.6
0°-40°	960.8	71.8
0°-60°	1296.0	96.9
0°-90°	1337.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1337.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	825	
5°	822	78
15°	785	221
25°	709	324
35°	546	337
45°	302	233
55°	109	102
65°	30	31
75°	9	9
85°	2	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	825.2
2.5°	827.0
5°	821.8
7.5°	814.8
10°	806.1
12.5°	797.5
15°	785.4
17.5°	769.7
20°	752.4
22.5°	733.4
25°	709.0
27.5°	677.8
30°	638.0
32.5°	596.3
35°	546.1
37.5°	490.6
40°	426.4
42.5°	362.3
45°	301.6
47.5°	244.4
50°	194.2
52.5°	147.4
55°	109.3
57.5°	78.1
60°	53.7
62.5°	39.9
65°	29.5
67.5°	22.5
70°	15.5
72.5°	12.2
75°	8.7
77.5°	5.2
80°	3.5
82.5°	1.7
85°	1.7
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)