

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: P844019

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844019
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: LD6C15DE010B2750 EU6C15B27 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

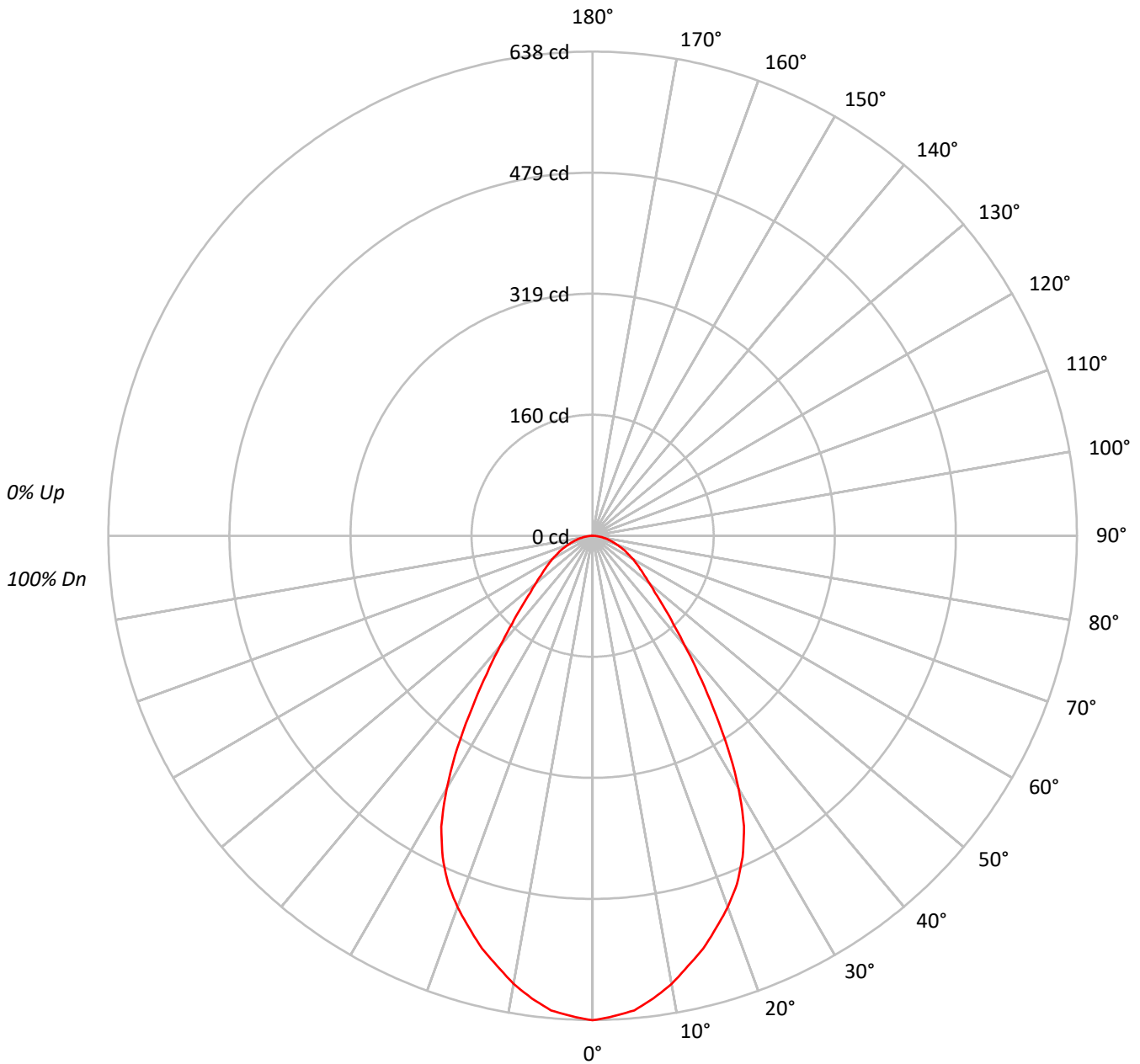
Lumens per Lamp: N/A
Luminaire Lumens: 855.6 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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			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°	34997
5°	34548
10°	33372
15°	31953
20°	30365
25°	28272
30°	24352
35°	18477
40°	13511
45°	10249
50°	8349
55°	7331
60°	6721
65°	6123
70°	5482
75°	4999
80°	4483
85°	3711



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	6.9
10°-20°	158.0	18.5
20°-30°	212.1	24.8
30°-40°	174.0	20.3
40°-50°	104.5	12.2
50°-60°	69.4	8.1
60°-70°	46.5	5.4
70°-80°	25.0	2.9
80°-90°	7.0	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°	429.1	50.2
0°-40°	603.1	70.5
0°-60°	777.0	90.8
0°-90°	855.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	855.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	638	
5°	628	59
15°	563	158
25°	467	212
35°	276	174
45°	132	104
55°	77	69
65°	47	47
75°	24	25
85°	6	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	638.4
2.5°	633.7
5°	627.8
7.5°	614.8
10°	599.5
12.5°	580.6
15°	563.0
17.5°	541.6
20°	520.5
22.5°	496.9
25°	467.4
27.5°	431.9
30°	384.7
32.5°	331.6
35°	276.1
37.5°	229.0
40°	188.8
42.5°	157.0
45°	132.2
47.5°	112.1
50°	97.9
52.5°	86.2
55°	76.7
57.5°	68.4
60°	61.3
62.5°	53.1
65°	47.2
67.5°	40.1
70°	34.2
72.5°	28.3
75°	23.6
77.5°	18.8
80°	14.2
82.5°	10.6
85°	5.9
87.5°	2.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)