

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: P843963

Luminaire Tested: **LD6C10DE010B35 EU6C10B35 6LBCSMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843963
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: LD6C10DE010B35 EU6C10B35 6LBCSMW
Description:
Light Source: -
Ballast/Driver:

Summary

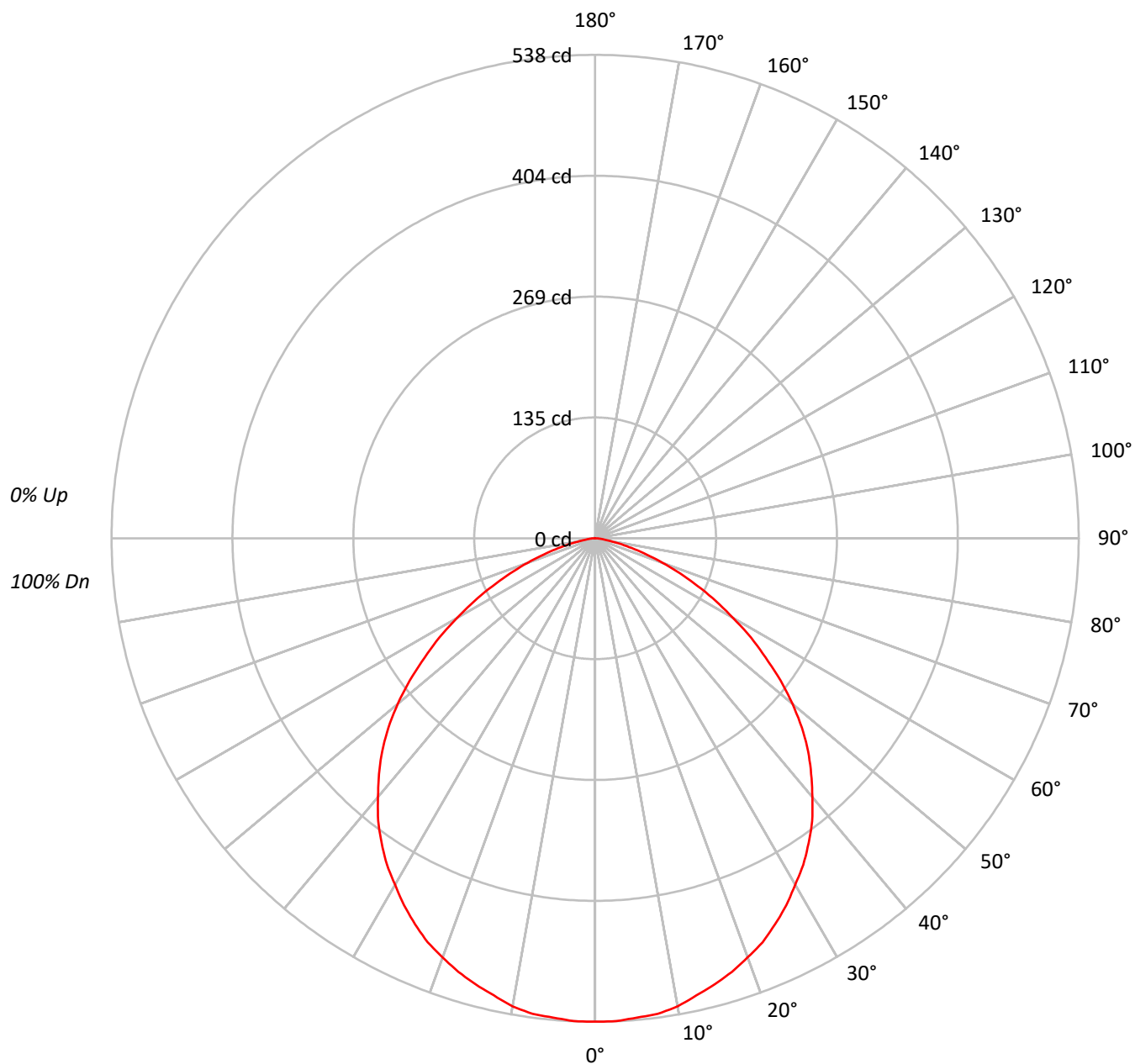
Lumens per Lamp: N/A
Luminaire Lumens: 1316.7 lumens
Efficiency: N/A
Efficacy: 99.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87		
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74		
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63		
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55		
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48		
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42		
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37		
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33		
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30		
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	29488
5°	29463
10°	29447
15°	29166
20°	28953
25°	28665
30°	28182
35°	27720
40°	26900
45°	25987
50°	24434
55°	22116
60°	19406
65°	16357
70°	12807
75°	8960
80°	5020
85°	3459



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	3.9
10°-20°	145.1	11.0
20°-30°	218.2	16.6
30°-40°	258.6	19.6
40°-50°	257.4	19.5
50°-60°	207.4	15.8
60°-70°	125.5	9.5
70°-80°	46.6	3.5
80°-90°	6.9	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°	414.2	31.5
0°-40°	672.9	51.1
0°-60°	1137.7	86.4
0°-90°	1316.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1316.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	538	
5°	535	51
15°	514	145
25°	474	218
35°	414	259
45°	335	257
55°	231	207
65°	126	126
75°	42	47
85°	6	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	537.9
2.5°	537.9
5°	535.4
7.5°	533.9
10°	529.0
12.5°	521.0
15°	513.9
17.5°	505.9
20°	496.3
22.5°	486.7
25°	473.9
27.5°	460.4
30°	445.2
32.5°	430.9
35°	414.2
37.5°	396.6
40°	375.9
42.5°	355.8
45°	335.2
47.5°	312.0
50°	286.5
52.5°	260.1
55°	231.4
57.5°	205.8
60°	177.0
62.5°	151.7
65°	126.1
67.5°	102.1
70°	79.9
72.5°	59.9
75°	42.3
77.5°	27.1
80°	15.9
82.5°	9.5
85°	5.5
87.5°	2.3
90°	0.0



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— 0°-180°







(END OF REPORT)