

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: P844354

Luminaire Tested: **LD6C35DE010B2750 EU6C35B27 6LBCSMW**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844354
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: LD6C35DE010B2750 EU6C35B27 6LBSCMW
Description:
Light Source: -
Ballast/Driver:

Summary

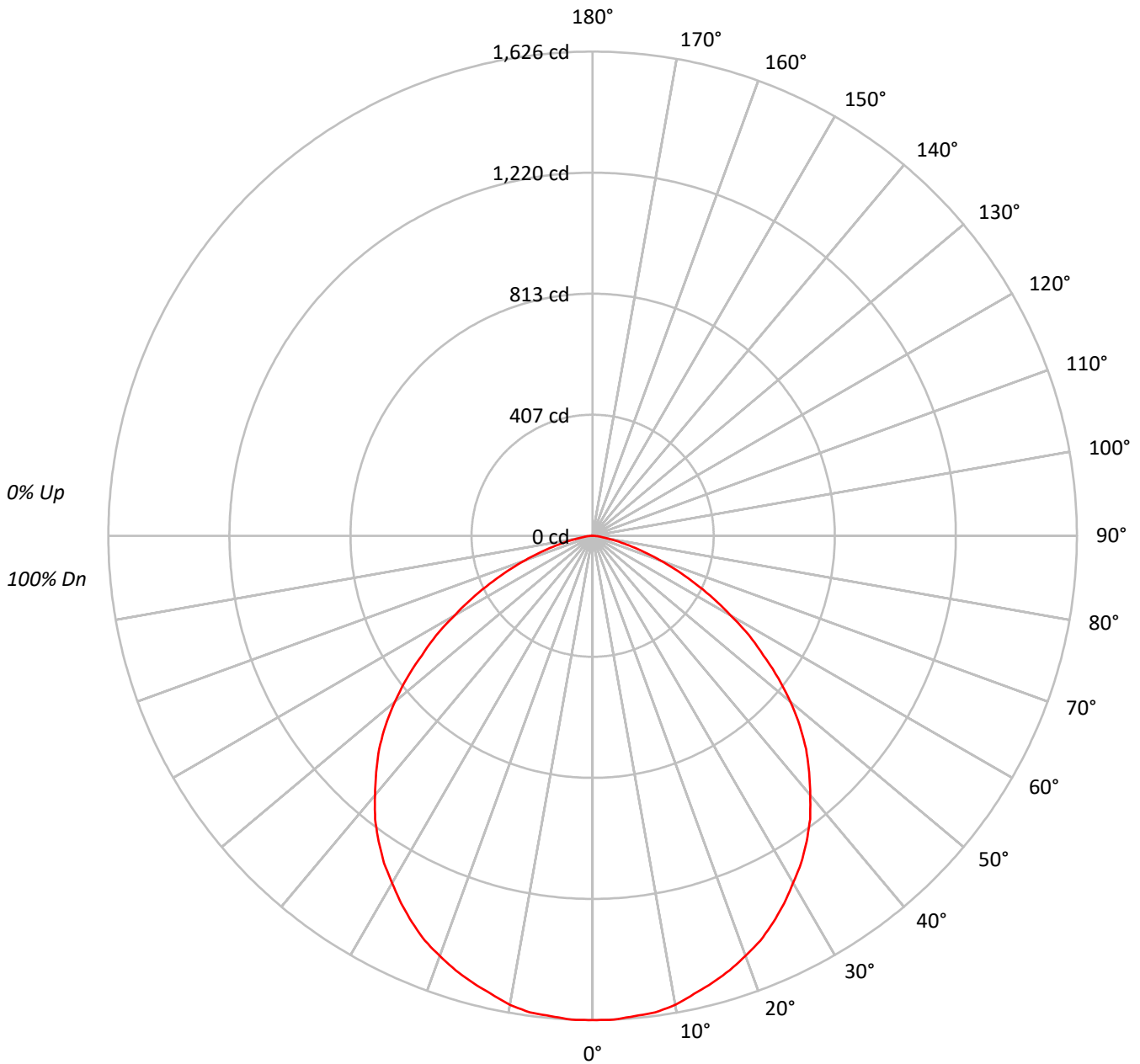
Lumens per Lamp: N/A
Luminaire Lumens: 3982.0 lumens
Efficiency: N/A
Efficacy: 95.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 41.7
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				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°	89165
5°	89093
10°	89054
15°	88207
20°	87572
25°	86697
30°	85222
35°	83828
40°	81338
45°	78582
50°	73891
55°	66894
60°	58712
65°	49448
70°	38692
75°	27112
80°	15185
85°	10504



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.1	3.9
10°-20°	438.7	11.0
20°-30°	659.9	16.6
30°-40°	782.2	19.6
40°-50°	778.3	19.5
50°-60°	627.4	15.8
60°-70°	379.5	9.5
70°-80°	141.0	3.5
80°-90°	20.9	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°	1252.7	31.5
0°-40°	2034.9	51.1
0°-60°	3440.6	86.4
0°-90°	3982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3982.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1626	
5°	1619	154
15°	1554	439
25°	1433	660
35°	1253	782
45°	1014	778
55°	700	627
65°	381	380
75°	128	141
85°	17	21
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1626.5
2.5°	1626.5
5°	1619.0
7.5°	1614.5
10°	1599.8
12.5°	1575.6
15°	1554.2
17.5°	1530.0
20°	1501.1
22.5°	1471.8
25°	1433.3
27.5°	1392.3
30°	1346.3
32.5°	1303.2
35°	1252.6
37.5°	1199.5
40°	1136.6
42.5°	1076.0
45°	1013.6
47.5°	943.4
50°	866.4
52.5°	786.6
55°	699.9
57.5°	622.5
60°	535.5
62.5°	458.5
65°	381.2
67.5°	308.7
70°	241.4
72.5°	181.2
75°	128.0
77.5°	82.0
80°	48.1
82.5°	28.9
85°	16.7
87.5°	7.1
90°	0.0



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— 0°-180°







(END OF REPORT)