

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: P844376

Luminaire Tested: **LD6C35DE010B2750 EU6C35B30 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844376
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: LD6C35DE010B2750 EU6C35B30 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

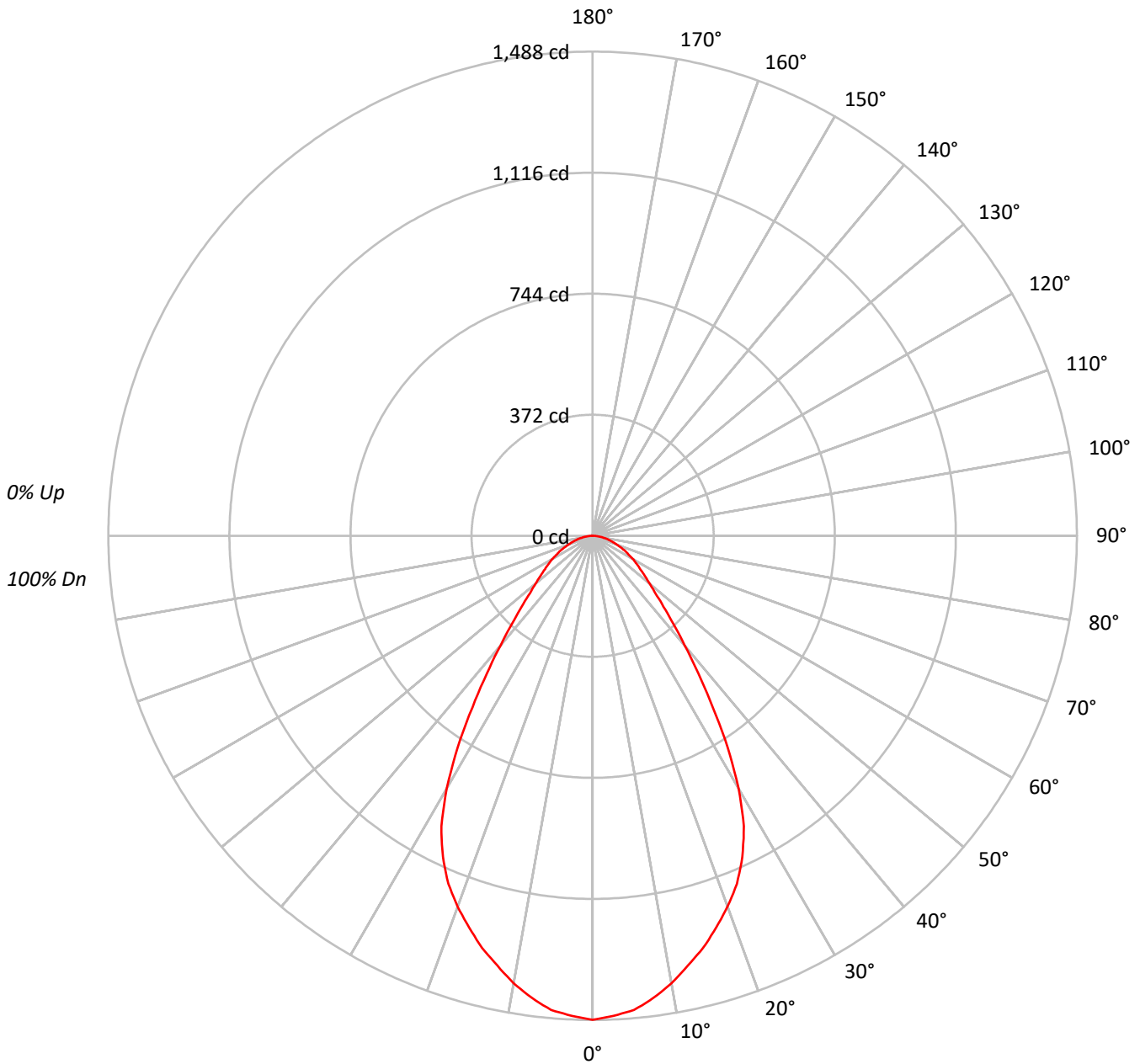
Lumens per Lamp: N/A
Luminaire Lumens: 1993.6 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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				
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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
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	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81550
5°	80497
10°	77754
15°	74444
20°	70747
25°	65865
30°	56737
35°	43065
40°	31488
45°	23878
50°	19462
55°	17079
60°	15679
65°	14269
70°	12775
75°	11649
80°	10418
85°	8617



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.4	6.9
10°-20°	368.1	18.5
20°-30°	494.2	24.8
30°-40°	405.4	20.3
40°-50°	243.5	12.2
50°-60°	161.8	8.1
60°-70°	108.4	5.4
70°-80°	58.4	2.9
80°-90°	16.4	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°	999.7	50.1
0°-40°	1405.2	70.5
0°-60°	1810.4	90.8
0°-90°	1993.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1993.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1488	
5°	1463	137
15°	1312	368
25°	1089	494
35°	644	405
45°	308	243
55°	179	162
65°	110	108
75°	55	58
85°	14	16
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1487.6
2.5°	1476.6
5°	1462.8
7.5°	1432.6
10°	1396.8
12.5°	1352.8
15°	1311.7
17.5°	1262.1
20°	1212.7
22.5°	1157.7
25°	1088.9
27.5°	1006.4
30°	896.3
32.5°	772.6
35°	643.5
37.5°	533.5
40°	440.0
42.5°	365.7
45°	308.0
47.5°	261.2
50°	228.2
52.5°	200.7
55°	178.7
57.5°	159.5
60°	143.0
62.5°	123.7
65°	110.0
67.5°	93.5
70°	79.7
72.5°	66.0
75°	55.0
77.5°	44.0
80°	33.0
82.5°	24.7
85°	13.7
87.5°	5.5
90°	0.0



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— 0°-180°







(END OF REPORT)