

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: P857446

Luminaire Tested: **LX4C25D010 EX4C259827 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857446
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C25D010 EX4C259827 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

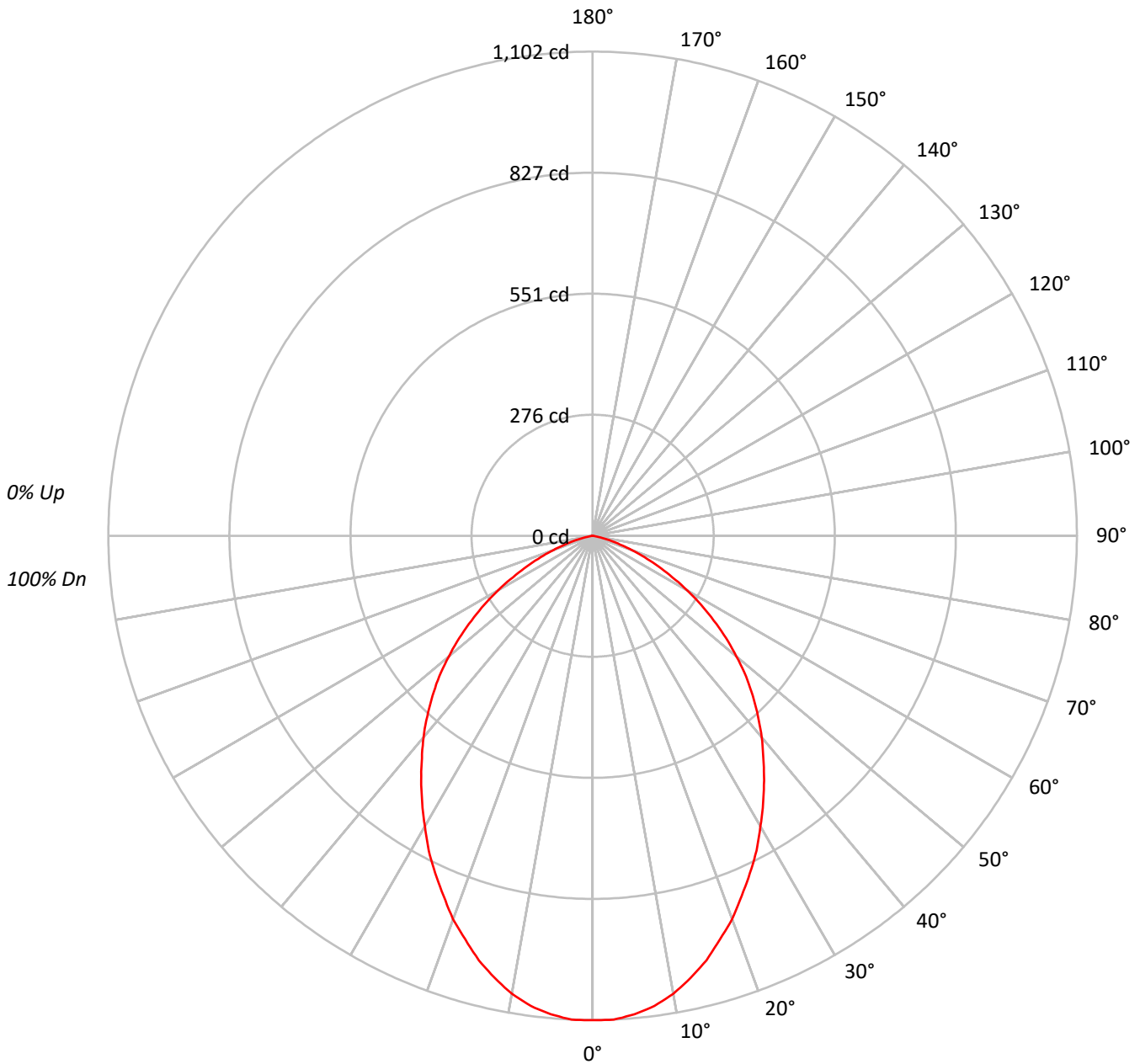
Lumens per Lamp: N/A
Luminaire Lumens: 2108.0 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.5
Input Voltage (V):
Input Current (A_{in}): 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

TEST NUMBER: P857446

CATALOG NUMBER: LX4C25D010 EX4C259827 4LBSH

Luminous Intensity Polar Plot





TEST NUMBER: P857446

CATALOG NUMBER: LX4C25D010 EX4C259827 4LBSH

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	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88			
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77			
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67			
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58			
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51			
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46			
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41			
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37			
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34			
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135446
5°	134816
10°	132034
15°	127238
20°	121377
25°	114841
30°	108324
35°	101984
40°	96032
45°	89511
50°	81630
55°	72074
60°	61034
65°	47907
70°	34160
75°	18749
80°	3254
85°	0



TEST NUMBER: P857446

CATALOG NUMBER: LX4C25D010 EX4C259827 4LBSH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.3	4.9
10°-20°	280.7	13.3
20°-30°	389.8	18.5
30°-40°	425.4	20.2
40°-50°	396.8	18.8
50°-60°	301.2	14.3
60°-70°	164.9	7.8
70°-80°	45.4	2.2
80°-90°	0.6	0.0
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°	773.8	36.7
0°-40°	1199.1	56.9
0°-60°	1897.1	90.0
0°-90°	2108.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2108.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1093	103
15°	1000	281
25°	847	390
35°	680	425
45°	515	397
55°	336	301
65°	165	165
75°	40	45
85°	0	1
90°	0	



TEST NUMBER: P857446

CATALOG NUMBER: LX4C25D010 EX4C259827 4LBSH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1102.5
2.5°	1102.5
5°	1093.2
7.5°	1079.4
10°	1058.4
12.5°	1030.6
15°	1000.4
17.5°	963.3
20°	928.4
22.5°	886.7
25°	847.2
27.5°	807.7
30°	763.6
32.5°	721.9
35°	680.0
37.5°	638.3
40°	598.8
42.5°	557.1
45°	515.2
47.5°	473.5
50°	427.1
52.5°	383.0
55°	336.5
57.5°	292.4
60°	248.4
62.5°	204.3
65°	164.8
67.5°	127.6
70°	95.1
72.5°	65.0
75°	39.5
77.5°	18.5
80°	4.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)