

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: LUMIERE

Report Number: G3-2001-660-13

Luminaire Tested: **303-P1-LEDB1-3500-UNV-T2-DIM10**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: G3-2001-660-13
Test Lab: INNOVATION CENTER (G3)
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-P1-LEDB1-3500-UNV-T2-DIM10
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 2
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 698.2 lumens
Efficiency: N/A
Efficacy: 85.1 lumens/watt
Luminous Opening: Rectangular (W 0.21' x L: 0.38' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G0

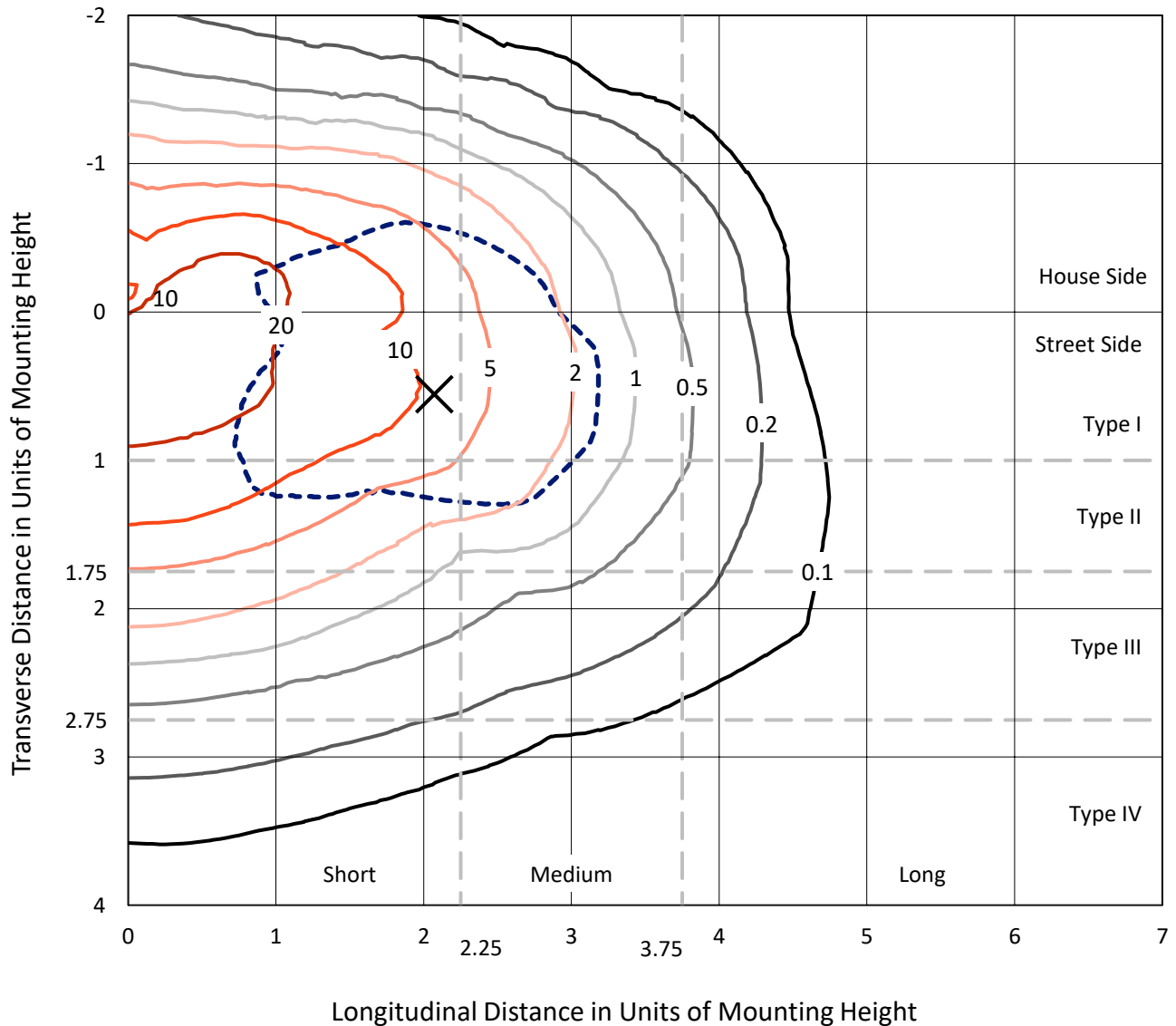
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

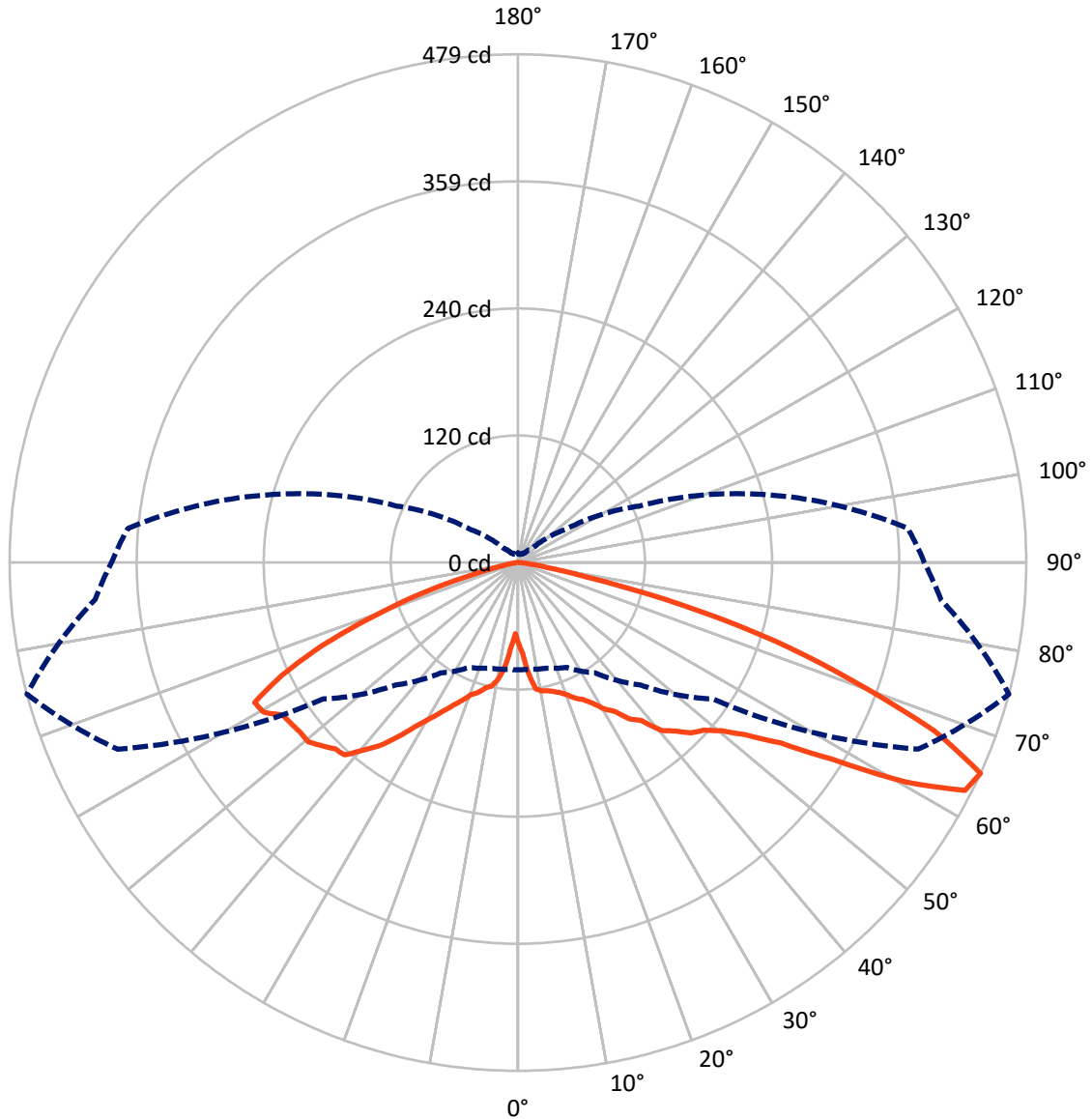
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 32.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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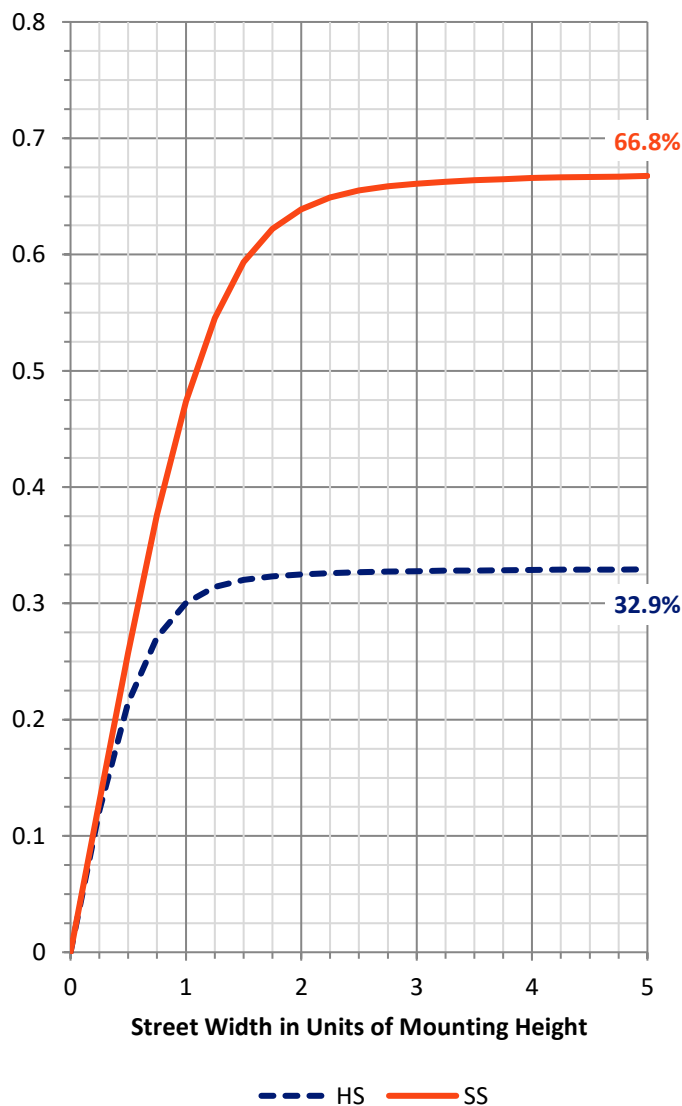
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	231.4	0.0	231.4
	% Fixture	33.1	0.0	33.1
Street Side	Lumens	466.8	0.0	466.8
	% Fixture	66.9	0.0	66.9
Total	Lumens	698.2	0.0	698.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.5	1.2
10°-20°	31.3	4.5
20°-30°	56.2	8.1
30°-40°	91.3	13.1
40°-50°	134.7	19.3
50°-60°	166.1	23.8
60°-70°	154.7	22.2
70°-80°	51.1	7.3
80°-90°	4.2	0.6
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°-90°	698.2	100.0
0°-180°	698.2	100.0

Coefficient of Utilization



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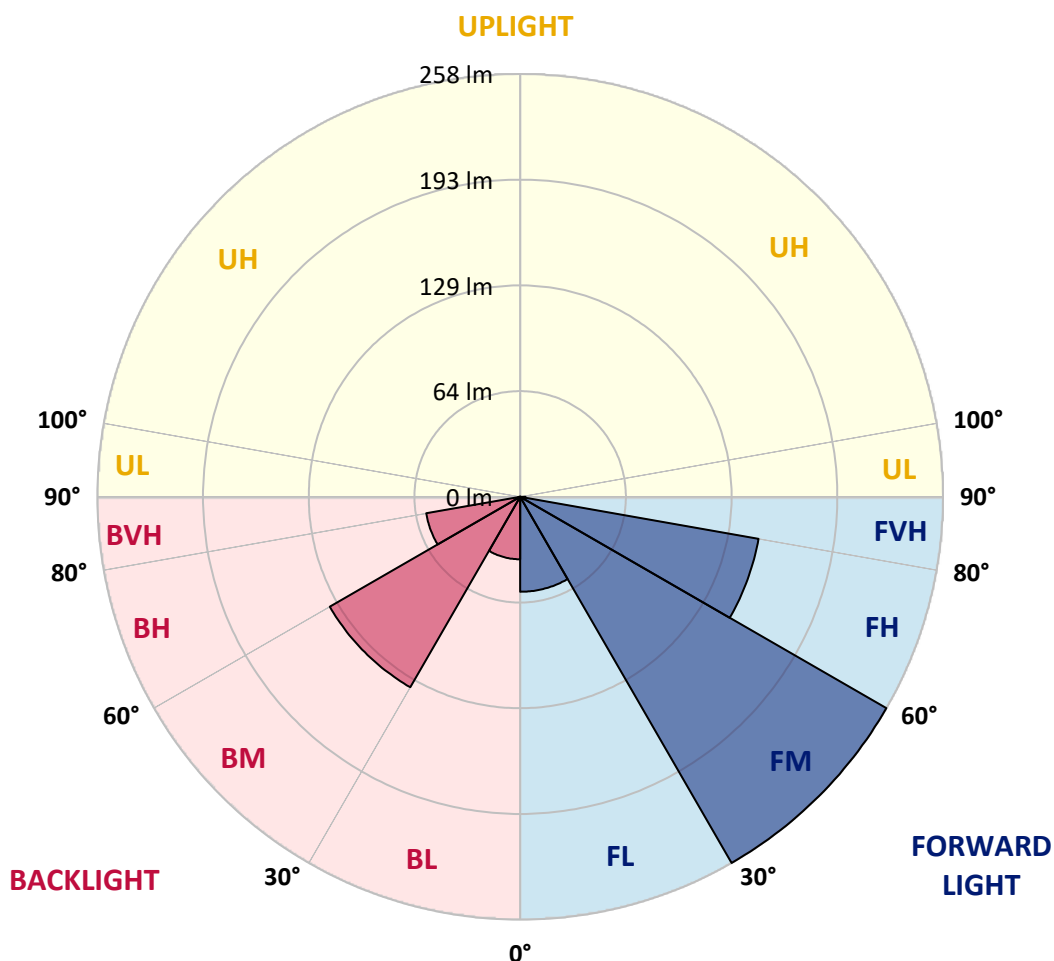
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	57.9	8.3			
FM (30°-60°)	258.0	36.9			
FH (60°-80°)	147.6	21.1			G0/660
FVH (80°-90°)	3.2	0.5			G0/10
BL (0°-30°)	38.1	5.5	B0/110		
BM (30°-60°)	134.1	19.2	B0/220		
BH (60°-80°)	58.2	8.3	B0/110		G0/110
BVH (80°-90°)	1.0	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	76	76	76	76	76	76	76	76	76	76	76
2.5°	118	118	118	117	114	110	98	90	86	77	77
5°	121	120	123	121	121	120	121	118	105	95	89
7.5°	129	128	128	126	126	125	127	123	120	111	105
10°	137	134	137	133	132	131	130	126	123	121	120
12.5°	140	139	140	136	132	135	129	125	124	123	122
15°	147	142	139	138	136	134	130	128	126	125	121
17.5°	145	139	139	138	137	137	133	131	129	130	128
20°	142	142	138	141	136	139	138	134	133	133	133
22.5°	142	140	143	141	140	141	140	139	139	139	139
25°	140	142	143	143	141	140	147	143	143	145	142
27.5°	140	140	141	143	141	148	149	151	150	153	152
30°	143	143	142	150	151	156	159	153	160	163	161
32.5°	149	147	152	154	157	164	169	167	167	173	172
35°	163	159	162	164	169	176	180	179	181	182	184
37.5°	172	169	170	177	180	187	194	188	189	197	197
40°	184	183	186	190	197	204	210	208	208	213	216
42.5°	202	201	198	206	211	218	227	225	217	226	229
45°	208	209	208	210	221	231	243	242	229	236	239
47.5°	219	213	216	217	228	241	259	259	236	246	250
50°	218	216	219	223	230	250	272	284	249	248	261
52.5°	220	215	218	225	233	248	286	310	270	257	269
55°	217	215	223	228	235	251	294	339	300	265	287
57.5°	197	195	202	219	234	249	299	368	350	276	307
60°	159	160	166	184	210	241	288	394	420	312	348
62.5°	127	127	128	144	172	215	263	407	473	361	387
65°	101	101	103	109	127	163	224	416	479	400	383
67.5°	63	62	67	83	92	115	162	369	423	380	337
70°	38	39	40	48	66	87	104	295	336	318	267
72.5°	28	28	29	32	41	64	82	205	254	242	193
75°	18	19	19	21	26	37	70	114	161	136	111
77.5°	11	11	11	12	15	19	42	65	66	44	35
80°	8	8	8	8	9	10	19	46	27	13	13
82.5°	5	5	6	6	6	6	8	21	13	7	7
85°	4	4	4	4	4	4	4	6	5	4	4
87.5°	3	3	3	3	3	3	2	2	2	1	1
90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	76	76	76	76	76	76	76	76	76	76
2.5°	74	67	60	48	37	34	27	16	7	7
5°	88	79	67	56	38	32	24	15	5	3
7.5°	103	98	84	69	58	48	44	25	24	28
10°	119	111	101	87	72	70	65	53	42	37
12.5°	124	119	106	95	82	72	67	57	59	62
15°	126	122	108	92	83	69	66	58	58	61
17.5°	129	128	112	100	85	70	64	56	58	60
20°	135	132	117	105	89	71	63	51	56	60
22.5°	139	140	123	109	92	73	61	57	58	62
25°	150	148	131	115	90	75	67	56	52	62
27.5°	154	158	137	120	92	76	67	56	54	59
30°	164	169	147	128	103	78	67	52	56	60
32.5°	177	182	157	134	105	78	66	49	55	59
35°	190	199	171	141	106	76	64	47	47	56
37.5°	206	216	181	148	107	75	61	49	46	52
40°	225	229	190	149	104	71	58	46	43	48
42.5°	241	244	196	147	98	66	53	43	41	45
45°	255	246	197	143	93	62	50	38	38	40
47.5°	263	253	192	137	88	55	44	33	34	35
50°	275	260	186	126	79	49	37	28	30	30
52.5°	288	260	177	118	68	42	31	24	25	26
55°	299	262	165	107	59	34	25	20	20	20
57.5°	320	264	166	99	49	27	20	16	16	17
60°	360	278	161	86	38	20	15	12	13	13
62.5°	384	281	152	71	28	15	11	10	11	11
65°	369	246	126	54	19	11	9	8	8	9
67.5°	313	200	93	33	14	10	8	7	7	7
70°	242	147	56	19	11	8	7	6	6	6
72.5°	176	99	32	13	9	7	5	4	5	5
75°	100	53	16	10	7	5	4	3	3	4
77.5°	36	21	10	8	6	4	3	2	2	2
80°	13	11	7	5	4	3	2	2	2	2
82.5°	7	6	4	3	2	1	1	1	1	1
85°	4	3	2	2	1	1	0	0	0	0
87.5°	1	1	1	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)