



LuxemBright® LED Systems by CAO Lighting, Inc., provides high quality LED products at competitive prices for all signage applications. These products are all rated at IP67 and can withstand the harshest outdoor environments. LuxemBright LED Systems consume a fraction of the energy of neon, do not contain hazardous materials, and provide long lifetimes that result in less maintenance and more savings. Applications include channel letters, cove lighting, sign cabinets, backlighting, and architectural accents.

BENEFITS






- Energy efficient
- Long life
- Decreased maintenance
- Easy to install
- Water resistant
- No hazardous materials
- 5 year warranty
- Available in white (9000K, 6500K, and 3000K) red, blue, green, amber, and orange.



ABOUT CAO LIGHTING

The CAO Lighting, Inc. (CAO), under the direction of Dr. Densen Cao, manufactures dental, veterinary, forensic, and solid state lighting products. CAO is headquartered in Utah with research, development, and manufacturing facilities in both West Jordan, Utah and Langfang (Beijing) China. All facilities are FDA registered and ISO 9001/EN 13485 certified.

CAO is the leader in LED lighting. Every product manufactured by CAO is from its own innovation. CAO has more than 60 issued and 80 pending US and international patents to cover the technologies in the engaged business. Our advanced technology, high quality, superior service, and competitive prices enable our products to be Easier to use, Faster to apply, and Better quality.

SPECIFICATIONS	COLOR	PRODUCT NO.	LUMENS/FOOT	MODULES/FOOT	VIEWING ANGLE	WATTS/MODULE	WATTS/FOOT	CRI	WARRANTY (YRS)*	CCT / A	MAX FOOTAGE PER POWER SUPPLY			
											40W 771-14012	60W 771-16212	120W 771-17212	240W 771-18212
SIZZLE® 	WHITE 9000K	774-W0003	95	5	120	0.18	0.90	81	5	9000K	44	67	133	267
	WHITE 6500K	774-W0005	95	5	120	0.18	0.90	81	5	6500K	44	67	133	267
	WHITE 3000K	774-W0004	80	5	120	0.18	0.90	81	5	3000K	44	67	133	267
	RED	774-R0000	25	5	120	0.22	1.10	N/A	5	625 NM	36	55	109	218
	BLUE	774-B0000	13	5	120	0.18	0.90	N/A	5	470 NM	44	67	133	267
	GREEN	774-G0000	60	5	120	0.18	0.90	N/A	5	525 NM	44	67	133	267
	AMBER	774-Y0000	28	5	120	0.18	0.90	N/A	5	590 NM	44	67	133	267
	ORANGE	774-E0000	25	5	120	0.18	0.90	N/A	5	605 NM	44	67	133	267
FLARE® 	WHITE 9000K	774-W0023	75	3	120	0.22	0.66	81	5	9000K	60	90	180	360
	WHITE 6500K	774-W0025	75	3	120	0.22	0.66	81	5	6500K	60	90	180	360
	WHITE 3000K	774-W0024	70	3	120	0.22	0.66	81	5	3000K	60	90	180	360
	RED	774-R0023	18	3	120	0.22	0.66	N/A	5	630 NM	60	90	180	360
	BLUE	774-B0023	6	3	120	0.18	0.54	N/A	5	470 NM	74	111	222	444
	GREEN	774-G0023	35	3	120	0.18	0.54	N/A	5	525 NM	74	111	222	444
	AMBER	774-Y0023	18	3	120	0.18	0.54	N/A	5	590 NM	74	111	222	444
	ORANGE	774-E0023	15	3	120	0.18	0.54	N/A	5	605 NM	74	111	222	444
BLAZE® 	WHITE 9000K	776-W0023	150	3	120	0.44	1.32	81	5	9000K	30	45	90	180
	WHITE 6500K	776-W0025	150	3	120	0.44	1.32	81	5	6500K	30	45	90	180
	WHITE 3000K	776-W0024	140	3	120	0.44	1.32	81	5	3000K	30	45	90	180
	RED	776-R0023	35	3	120	0.44	1.32	N/A	5	630 NM	30	45	90	180
	BLUE	776-B0023	12	3	120	0.36	1.08	N/A	5	470 NM	37	55	111	222
	GREEN	776-G0023	70	3	120	0.36	1.08	N/A	5	525 NM	37	55	111	222
	AMBER	776-Y0023	35	3	120	0.36	1.08	N/A	5	590 NM	37	55	111	222
	ORANGE	776-E0023	30	3	120	0.36	1.08	N/A	5	605 NM	37	55	111	222
INFERNO® 	WHITE 9000K	770-W0023	225	3	120	0.66	1.98	81	5	9000K	20	30	60	120
	WHITE 6500K	770-W0025	225	3	120	0.66	1.98	81	5	6500K	20	30	60	120
	WHITE 3000K	770-W0024	210	3	120	0.66	1.98	81	5	3000K	20	30	60	120
	RED	770-R0023	50	3	120	0.66	1.98	N/A	5	630 NM	20	30	60	120
	BLUE	770-B0023	18	3	120	0.54	1.62	N/A	5	470 NM	24	37	74	148
	GREEN	770-G0023	105	3	120	0.54	1.62	N/A	5	525 NM	24	37	74	148
	AMBER	770-Y0023	50	3	120	0.54	1.62	N/A	5	590 NM	24	37	74	148
	ORANGE	770-E0023	45	3	120	0.54	1.62	N/A	5	605 NM	24	37	74	148
INFERNO® RGB 	RED	770-RGB23	18	3	120	0.25	0.75	N/A	5	630 NM	-	-	50	-
	GREEN		40			0.25	0.75	N/A		520 NM				
	BLUE		9			0.25	0.75	N/A		470 NM				
	WHITE (RGB)		67			0.75	2.25	N/A		9000K				



*See CAO Group's warranty statement for details

POWER SUPPLIES						
PRODUCT NO.	771-14012	771-16212	771-16112	771-76412	771-17212	771-18212
WATTS	40	60	60	60	120	240
# OF CHANNELS	1	1	1	1	2	4
MAX WATT/CHANNEL	40	60	60	60	60	60
OUTPUT VOLTAGE	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
MAX OUTPUT CURRENT	3.3 A	5A	5 A	5A	5 A / CHANNEL	5 A / CHANNEL
MAX INPUT CURRENT	0.5 A @ 110-240 VAC 0.2 A @ 277 VAC	0.8 A @ 100-240 VAC 0.3 A @ 277 VAC	1.2 A @ 115 VAC 1 A @ 230 VAC	0.8 A @ 115 VAC 0.4 A @ 230 VAC	2.5 A @ 90 VAC	3 A @ 115 VAC
INPUT VOLTAGE	100-240, 277 VAC	100-240, 277 VAC	100-240 VAC	90-295 VAC	100-240, 277 VAC	100-240, 277 VAC
WORKING TEMP	-30° C - 50° C, Tc 90° C	-30° C - 70° C	-30° C - 70° C	-30° C - 70° C	-30° C - 70° C	-30° C - 70° C
IP RATING	IP66	IP67	IP67	IP66	IP65	IP65
UL FILE NO.	E249377	E320521, E307078, E334687	E320521, E307078	E320521, E307078, E334687	E328880	E328880
UL CLASS	2	2	2	2	2	2
DIMENSIONS	95 x 70 x 32 MM (L*W*H)	195.6 x 61.5 x 38.8 MM (L*W*H)	162.5 x 42.5 x 32 MM (L*W*H)	185 x 62.5 x 40.5 MM (L*W*H)	251 x 140 x 62 MM (L*W*H)	265 x 146 x 77 MM (L*W*H)
WEIGHT	0.37 Kg	0.86 Kg	0.4 Kg	0.56 Kg	3.04 Kg	3.88 Kg
ADJUSTABLE	NO	NO	NO	YES	YES	YES
CONDUIT	NO	NO	NO	YES	NO	NO



Specifications subject to change.



ISO 9001 CERTIFIED
TS 16949 CERTIFIED FACTORY
Patents Pending
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