

# MOZART BOLLARD SERIES - LED

## PHOTOMETRIC DATA GUIDE - LUMEN TABLES (MOZB-PLED)

MOZB-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	175	11.0	II	1171	106	B0-U0-G1	1264	115	B1-U0-G1	1331	121	B1-U0-G1	1397	127	B1-U0-G1	8.5	464	55	B0-U0-G0
			II-FR	1093	99	B0-U0-G0	1179	107	B0-U0-G0	1242	113	B0-U0-G0	1304	119	B0-U0-G0		433	51	B0-U0-G0
			III-M	1200	109	B0-U0-G1	1295	118	B0-U0-G1	1363	124	B0-U0-G1	1431	130	B1-U0-G1		476	56	B0-U0-G0
			III-W	1125	102	B0-U0-G1	1214	110	B0-U0-G1	1278	116	B0-U0-G1	1342	122	B0-U0-G1		446	52	B0-U0-G1
			IV	1200	109	B0-U0-G1	1295	118	B0-U0-G1	1363	124	B1-U0-G1	1431	130	B1-U0-G1		476	56	B0-U0-G0
			IV-FT	1089	99	B0-U0-G1	1176	107	B0-U0-G1	1238	113	B0-U0-G1	1299	118	B0-U0-G1		432	51	B0-U0-G1
			VSQ-N	1218	111	B1-U0-G0	1315	120	B1-U0-G0	1384	126	B1-U0-G0	1453	132	B1-U0-G0		483	57	B0-U0-G0
			VSQ-M	1269	115	B1-U0-G0	1370	125	B1-U0-G0	1443	131	B1-U0-G0	1514	138	B1-U0-G0		504	59	B1-U0-G0
			VSQ-W	1253	114	B1-U0-G1	1353	123	B1-U0-G1	1424	129	B1-U0-G1	1495	136	B1-U0-G1		497	58	B1-U0-G1
			II-HS	886	81	B0-U0-G0	957	87	B0-U0-G0	1007	92	B0-U0-G0	1057	96	B0-U0-G0		351	41	B0-U0-G0
			II-FR-HS	854	78	B0-U0-G0	922	84	B0-U0-G0	970	88	B0-U0-G0	1018	93	B0-U0-G0		338	40	B0-U0-G0
			III-M-HS	905	82	B0-U0-G0	976	89	B0-U0-G0	1028	93	B0-U0-G0	1079	98	B0-U0-G0		358	42	B0-U0-G0
			III-W-HS	898	82	B0-U0-G1	969	88	B0-U0-G1	1020	93	B0-U0-G1	1071	97	B0-U0-G1		356	42	B0-U0-G0
			IV-HS	948	86	B0-U0-G0	1024	93	B0-U0-G0	1077	98	B0-U0-G0	1131	103	B0-U0-G0		376	44	B0-U0-G0
			IV-FT-HS	905	82	B0-U0-G1	976	89	B0-U0-G1	1028	93	B0-U0-G1	1079	98	B0-U0-G1		359	42	B0-U0-G1
20	350	22.0	II	2129	97	B1-U0-G1	2298	104	B1-U0-G1	2420	110	B1-U0-G1	2540	115	B1-U0-G1	17.0	845	50	B0-U0-G0
			II-FR	1986	90	B1-U0-G1	2144	97	B1-U0-G1	2257	103	B1-U0-G1	2370	108	B1-U0-G1		788	46	B0-U0-G0
			III-M	2181	99	B1-U0-G1	2354	107	B1-U0-G1	2478	113	B1-U0-G1	2602	118	B1-U0-G1		865	51	B0-U0-G0
			III-W	2045	93	B1-U0-G1	2208	100	B1-U0-G1	2324	106	B1-U0-G1	2440	111	B1-U0-G1		811	48	B0-U0-G1
			IV	2181	99	B1-U0-G1	2355	107	B1-U0-G1	2479	113	B1-U0-G1	2603	118	B1-U0-G1		865	51	B0-U0-G0
			IV-FT	1980	90	B0-U0-G1	2137	97	B0-U0-G1	2250	102	B0-U0-G1	2362	107	B0-U0-G1		785	46	B0-U0-G1
			VSQ-N	2215	101	B1-U0-G0	2391	109	B1-U0-G0	2517	114	B1-U0-G0	2643	120	B1-U0-G0		879	52	B1-U0-G0
			VSQ-M	2308	105	B2-U0-G1	2492	113	B2-U0-G1	2623	119	B2-U0-G1	2754	125	B2-U0-G1		915	54	B1-U0-G0
			VSQ-W	2278	104	B2-U0-G1	2459	112	B2-U0-G1	2589	118	B2-U0-G1	2718	124	B2-U0-G1		904	53	B1-U0-G1
			II-HS	1611	73	B0-U0-G1	1739	79	B0-U0-G1	1830	83	B0-U0-G1	1921	87	B0-U0-G1		639	38	B0-U0-G0
			II-FR-HS	1551	71	B0-U0-G0	1675	76	B0-U0-G0	1763	80	B0-U0-G0	1851	84	B0-U0-G0		615	36	B0-U0-G0
			III-M-HS	1644	75	B0-U0-G1	1775	81	B0-U0-G1	1868	85	B0-U0-G1	1961	89	B0-U0-G1		652	38	B0-U0-G0
			III-W-HS	1632	74	B0-U0-G1	1762	80	B0-U0-G1	1855	84	B0-U0-G1	1947	88	B0-U0-G1		647	38	B0-U0-G1
			IV-HS	1723	78	B0-U0-G1	1860	85	B0-U0-G1	1958	89	B0-U0-G1	2056	93	B0-U0-G1		683	40	B0-U0-G0
			IV-FT-HS	1645	75	B0-U0-G1	1776	81	B0-U0-G1	1869	85	B0-U0-G1	1962	89	B0-U0-G1		652	38	B0-U0-G1

## PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000 (10x Test Time Calculated)	L94	0.94x
100,000 (Theoretical Calculated)	L92	0.92x
150,000 (Theoretical Calculated)	L89	0.89x

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)  
TM-21 6x Test Time Dicates that L94 > 60,000 Hours.

## ELECTRICAL DATA GUIDE - AMPERAGE CHARTS (MOZB-PLED)

# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
20	175	11.0	0.09	0.05	0.04	0.03	0.02
20	350	22.0	0.18	0.11	0.08	0.06	0.05