

TLB BOLLARD SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN CHARTS

TLB-LED																			
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
8	350	9.6	CP	1023	107	B1-U2-G1	1103	115	B1-U2-G1	1162	121	B1-U2-G1	1219	127	B1-U2-G1	7.4	349	47	B0-U2-G0
			DP	766	80	B0-U3-G1	826	86	B0-U3-G1	870	91	B1-U3-G1	913	95	B1-U3-G1		262	35	B0-U2-G1
12	350	13.8	CP	1534	111	B1-U3-G1	1655	120	B1-U3-G1	1743	126	B1-U3-G1	1830	133	B1-U3-G1	10.6	523	49	B0-U2-G1
			DP	1148	83	B1-U3-G1	1239	90	B1-U3-G1	1305	95	B1-U3-G1	1370	99	B1-U3-G1		392	37	B0-U3-G1
18	350	19.8	CP	2301	116	B1-U3-G1	2483	125	B2-U3-G1	2615	132	B2-U3-G1	2745	139	B2-U3-G1	15.2	785	52	B1-U2-G1
			DP	1723	87	B1-U3-G1	1859	94	B1-U3-G2	1957	99	B1-U3-G2	2055	104	B1-U3-G2		588	39	B0-U3-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

ELECTRICAL LOAD			CURRENT (A)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
8	350	9.6	0.08	0.05	0.03	0.03	0.02
12	350	13.8	0.12	0.07	0.05	0.04	0.03
18	350	19.8	0.17	0.10	0.07	0.06	0.04