

COLB BOLLARD SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (COLB-VLED)

COLB-VLED																			
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
24	350	26.0	VLED-ASY	2023	78	B0-U1-G1	2184	84	B1-U1-G1	2299	88	B1-U1-G1	2414	93	B1-U1-G1	20.0	686	34	B0-U1-G0
			VLED-ASY-HS	1623	62	B0-U1-G1	1751	67	B0-U1-G1	1844	71	B0-U1-G1	1936	74	B0-U1-G1		550	27	B0-U0-G0
			VLED-SYM	2179	84	B2-U1-G0	2351	90	B2-U1-G1	2475	95	B2-U1-G1	2599	100	B2-U1-G1		739	37	B1-U1-G0

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (COLB-LED-VPA)

COLB-LED-VPA																			
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
12	350	13.2	CPA-LED-VPA-SYM	711	54	B1-U3-G1	769	58	B1-U3-G1	809	61	B1-U3-G1	849	64	B1-U3-G1	10.2	242	24	B0-U2-G1
			CPA-LED-VPA-SYM-HS	371	28	B0-U2-G1	400	30	B0-U2-G1	421	32	B0-U2-G1	442	34	B0-U3-G1		126	12	B0-U2-G1
			WA-LED-VPA-SYM	408	31	B0-U3-G1	441	33	B0-U3-G1	464	35	B0-U3-G1	486	37	B0-U3-G1		140	14	B0-U2-G0
			WA-LED-VPA-SYM-HS	209	16	B0-U2-G1	226	17	B0-U2-G1	238	18	B0-U3-G1	250	19	B0-U3-G1		71	7	B0-U2-G0
24	350	26.4	CPA-LED-VPA-SYM	1551	59	B1-U3-G2	1675	63	B1-U3-G2	1763	67	B1-U3-G2	1851	70	B1-U3-G2	20.3	529	26	B0-U3-G1
			CPA-LED-VPA-SYM-HS	803	30	B0-U3-G2	867	33	B0-U3-G2	912	35	B0-U3-G2	958	36	B0-U3-G2		274	13	B0-U2-G1
			WA-LED-VPA-SYM	884	33	B0-U3-G1	953	36	B1-U3-G1	1004	38	B1-U3-G1	1054	40	B1-U3-G1		301	15	B0-U3-G1
			WA-LED-VPA-SYM-HS	456	17	B0-U3-G1	492	19	B0-U3-G1	518	20	B0-U3-G1	544	21	B0-U3-G1		155	8	B0-U2-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 Dictates that L94 > 60,000 Hours.

ELECTRICAL DATA GUIDE - AMPERAGE CHARTS (MOZB-PLED)

ELECTRICAL LOAD			CURRENT (A)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
12	350	13.2	0.11	0.06	0.05	0.04	0.03
24	350	26.4	0.22	0.13	0.10	0.08	0.06