

B3100 (B31EL) BOLLARD - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (B31EL)

B31EL-CAP-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
36	350	39.6	VPA-SYM	2313	58	B1-U4-G2	2497	63	B1-U4-G2	2629	66	B1-U5-G2	2760	70	B1-U5-G2	30.5	788	26	B0-U3-G1
			VPA-SYM-HS180	1583	40	B0-U4-G2	1709	43	B0-U4-G2	1798	45	B0-U4-G2	1888	48	B0-U4-G2		540	18	B0-U3-G1

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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.