

BDC18 BOLLARD - LED

PHOTOMETRIC DATA GUIDE - LUMEN CHARTS

BDC18-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
24	350	26.4	CL	685	26	B1-U3-G1	740	28	B1-U3-G1	779	30	B1-U3-G1	817	31	B1-U3-G1	20.3	234	12	B0-U2-G1
			CL-HS180	347	13	B0-U3-G1	375	14	B0-U3-G1	394	15	B0-U3-G1	413	16	B0-U3-G1		119	6	B0-U2-G0
36	350	39.6	CL	939	24	B1-U3-G1	1012	26	B1-U3-G1	1066	27	B1-U3-G1	1120	28	B1-U3-G1	30.5	320	10	B0-U2-G1
			CL-HS180	499	13	B0-U3-G1	539	14	B0-U3-G1	567	14	B0-U3-G1	594	15	B0-U3-G1		171	6	B0-U2-G1
48	350	52.8	CL	1214	23	B1-U3-G1	1310	25	B1-U3-G1	1380	26	B1-U3-G1	1450	27	B1-U3-G1	40.7	415	10	B0-U3-G1
			CL-HS180	648	12	B0-U3-G1	700	13	B0-U3-G1	736	14	B0-U3-G1	772	15	B0-U3-G1		221	5	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

ELECTRICAL LOAD			CURRENT (A)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26.4	0.22	0.13	0.10	0.08	0.06
36	350	39.6	0.33	0.19	0.14	0.11	0.08
48	350	52.8	0.44	0.25	0.19	0.15	0.11