BDAR5 BOLLARD - LED

PHOTOMETRIC DATA GUIDE - LUMEN CHARTS

BDAR5-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	VR	2074	79	B1-U4-G2	2239	85	B1-U4-G2	2357	89	B1-U4-G2	2474	94	B1-U4-G2	20.3	708	35	B0-U3-G1
			VR-HS180	1102	42	B0-U3-G2	1189	45	B0-U3-G2	1252	47	B0-U3-G2	1314	50	B0-U3-G2		376	19	B0-U3-G1
			FR	1929	73	B1-U4-G2	2083	79	B1-U4-G2	2193	83	B1-U4-G2	2302	87	B1-U4-G2		658	32	B0-U3-G1
			FR-HS180	1029	39	B0-U3-G2	1110	42	B0-U3-G2	1169	44	B0-U3-G2	1227	46	B0-U3-G2		351	17	B0-U3-G1
			AR	1665	63	B1-U3-G2	1797	68	B1-U3-G2	1892	72	B1-U3-G2	1986	75	B1-U3-G2		568	28	B0-U3-G1
			AR-HS180	889	34	B0-U3-G2	959	36	B0-U3-G2	1010	38	B0-U3-G2	1060	40	B0-U3-G2		303	15	B0-U2-G1
			AR-FR2	1276	48	B1-U3-G2	1377	52	B1-U3-G2	1450	55	B1-U3-G2	1523	58	B1-U3-G2		435	21	B0-U3-G1
			AR-FR2-HS180	677	26	B0-U3-G2	730	28	B0-U3-G2	769	29	B0-U3-G2	807	31	B0-U3-G2		231	11	B0-U3-G1
36	350	39.6	VR	2932	74	B1-U5-G2	3165	80	B1-U5-G3	3332	84	B1-U5-G3	3498	88	B1-U5-G3	30.5	1000	33	B0-U3-G1
			VR-HS180	1587	40	B0-U4-G2	1713	43	B0-U4-G2	1803	46	B0-U4-G2	1893	48	B0-U4-G2		542	18	B0-U3-G1
			FR	2711	68	B1-U4-G2	2926	74	B1-U4-G2	3081	78	B1-U4-G3	3234	82	B1-U4-G3		925	30	B1-U3-G1
			FR-HS180	1466	37	B0-U3-G2	1582	40	B0-U3-G2	1666	42	B0-U3-G2	1749	44	B0-U3-G2		500	16	B0-U3-G1
			AR	2400	61	B1-U3-G2	2591	65	B1-U3-G2	2728	69	B1-U3-G2	2864	72	B1-U3-G2		819	27	B1-U3-G1
			AR-HS180	1305	33	B0-U3-G2	1408	36	B0-U3-G2	1483	37	B0-U3-G2	1557	39	B0-U3-G2		445	15	B0-U3-G1
			AR-FR2	1787	45	B1-U3-G2	1929	49	B1-U3-G2	2030	51	B1-U3-G2	2131	54	B1-U3-G2		610	20	B0-U3-G1
			AR-FR2-HS180	972	25	B0-U3-G2	1049	26	B0-U3-G2	1105	28	B0-U3-G2	1159	29	B0-U3-G2		332	11	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 Calcualted)	L89	0.89x

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient) **TM-21 6x Test Time Dicatates 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