

TORNADO SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN CHARTS

TORNADO 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	ASY (TNA)	1870	71	B0-U2-G1	2018	76	B0-U2-G1	2124	80	B0-U2-G1	2230	84	B0-U2-G1	20.3	637	31	B0-U1-G0
28	350	30.8	SYM (TNS)	1995	65	B2-U2-G2	2153	70	B2-U2-G2	2267	74	B2-U2-G2	2379	77	B2-U2-G2	23.7	680	29	B1-U1-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
28	350	30.8	0.26	0.15	0.11	0.09	0.06