

# STEPLIGHTS - LED

## PHOTOMETRIC DATA GUIDE - LUMEN TABLES

STEPLIGHTS																			
Part Number	LED Count	Drive Current (mA)	System Watts	27K (2700K - 70CRI)			WW (3000K - 70CRI)			NW (4000K - 70CRI)			CW (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
<b>4482</b>	8	350	8.8	357	41	B0-U2-G1	372	42	B0-U2-G1	387	44	B0-U3-G1	403	46	B0-U3-G1	7.0	126	18	B0-U2-G1
<b>5482</b>	8	350	8.8	821	93	B0-U3-G1	857	97	B0-U3-G2	893	102	B0-U3-G2	928	105	B0-U3-G2	7.0	291	42	B0-U3-G1
<b>8456-ALF</b>	20	350	22.0	1018	46	B0-U3-G2	1063	48	B0-U3-G2	1107	50	B0-U3-G2	1151	52	B0-U3-G2	17.0	361	21	B0-U3-G1
<b>8456-ALP</b>	20	350	22.0	1421	65	B0-U3-G2	1483	67	B0-U3-G2	1545	70	B0-U3-G2	1607	73	B0-U3-G2	17.0	504	30	B0-U3-G1
<b>8456-NLF</b>	20	350	22.0	2148	98	B0-U4-G3	2242	102	B0-U4-G3	2335	106	B0-U4-G3	2429	110	B0-U4-G3	17.0	761	45	B0-U3-G1
<b>8456-NLP</b>	20	350	22.0	2974	135	B0-U5-G3	3104	141	B0-U5-G3	3233	147	B0-U5-G3	3362	153	B0-U5-G3	17.0	1054	62	B0-U3-G2
<b>8520-ALF</b>	16	350	16.5	764	46	B0-U3-G2	797	48	B0-U3-G2	830	50	B0-U3-G2	864	52	B0-U3-G2	12.8	271	21	B0-U2-G1
<b>8520-ALP</b>	16	350	16.5	1066	65	B0-U3-G2	1113	67	B0-U3-G2	1159	70	B0-U3-G2	1205	73	B0-U3-G2	12.8	378	30	B0-U3-G1
<b>8520-NLF</b>	16	350	16.5	1611	98	B0-U4-G2	1681	102	B0-U4-G2	1751	106	B0-U4-G2	1821	110	B0-U4-G2	12.8	571	45	B0-U3-G1
<b>8520-NLP</b>	16	350	16.5	2231	135	B0-U4-G3	2328	141	B0-U4-G3	2425	147	B0-U4-G3	2522	153	B0-U4-G3	12.8	791	62	B0-U3-G1
<b>8530-ALF</b>	12	350	13.2	611	46	B0-U3-G1	638	48	B0-U3-G1	664	50	B0-U3-G1	691	52	B0-U3-G1	10.2	217	21	B0-U2-G1
<b>8530-ALP</b>	12	350	13.2	853	65	B0-U3-G2	890	67	B0-U3-G2	927	70	B0-U3-G2	964	73	B0-U3-G2	10.2	302	30	B0-U2-G1
<b>8530-NLF</b>	12	350	13.2	1289	98	B0-U3-G2	1345	102	B0-U4-G2	1401	106	B0-U4-G2	1457	110	B0-U4-G2	10.2	457	45	B0-U3-G1
<b>8530-NLP</b>	12	350	13.2	1784	135	B0-U4-G3	1862	141	B0-U4-G3	1940	147	B0-U4-G3	2017	153	B0-U4-G3	10.2	633	62	B0-U3-G1
<b>8630</b>	16	350	16.5	1419	86	B0-U3-G1	1480	90	B0-U3-G1	1542	93	B0-U3-G1	1604	97	B0-U3-G2	14.0	503	36	B0-U2-G1

## PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (UP TO 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (10K LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient) **TM-21 6x Test Time Dictates that L93 > 100,000 Hours.**

## ELECTRICAL DATA GUIDE - AMPERAGE CHARTS

ELECTRICAL LOAD			CURRENT (A)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
8	350	8.8	0.07	0.04	0.03	0.03	0.02
12	350	13.2	0.11	0.06	0.05	0.04	0.03
16	350	16.5	0.14	0.08	0.06	0.05	0.03
20	350	22.0	0.18	0.11	0.08	0.06	0.05

IES File downloads for this product can be found at [www.usaltg.com/downloads/asr.html](http://www.usaltg.com/downloads/asr.html)