

# OSRAM Dragon Series

## Golden Dragon LA W57B/LY W57B

### Basic Electronic Characteristics for LED Circuit and Driver Calculations

<b>Forward Voltage</b>			<b>Forward Current</b>	
Minimum	Typical	Maximum	Chart Calculation	
1.8VDC	2.2VDC	2.6VDC	400mA	

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH LED Driver Suggestion
Forward Voltage(VF)	Forward Current(IF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	
2.2	0.4	1	1	1	2.2	0.4	0.88	L03U
2.2	0.4	2	1	2	4.4	0.4	1.76	L03U
2.2	0.4	3	1	3	6.6	0.4	2.64	L03U
2.2	0.4	4	1	4	8.8	0.4	3.52	L03U
2.2	0.4	5	1	5	11	0.4	4.4	L07U
2.2	0.4	6	1	6	13.2	0.4	5.28	L07U
2.2	0.4	7	1	7	15.4	0.4	6.16	L07U
2.2	0.4	8	1	8	17.6	0.4	7.04	LA1012
2.2	0.4	9	1	9	19.8	0.4	7.92	LA1012
2.2	0.4	10	1	10	22	0.4	8.8	LA1012
2.2	0.4	1	2	2	2.2	0.8	1.76	L03U
2.2	0.4	2	2	4	4.4	0.8	3.52	L07U
2.2	0.4	3	2	6	6.6	0.8	5.28	L07U
2.2	0.4	4	2	8	8.8	0.8	7.04	LA1012
2.2	0.4	5	2	10	11	0.8	8.8	LA1012
2.2	0.4	6	2	12	13.2	0.8	10.56	LA1012
2.2	0.4	7	2	14	15.4	0.8	12.32	LP1017
2.2	0.4	8	2	16	17.6	0.8	14.08	LP1017
2.2	0.4	9	2	18	19.8	0.8	15.84	LP1017
2.2	0.4	10	2	20	22	0.8	17.6	LP1020
2.2	0.4	1	3	3	2.2	1.2	2.64	L03U
2.2	0.4	2	3	6	4.4	1.2	5.28	L07U
2.2	0.4	3	3	9	6.6	1.2	7.92	LA1012
2.2	0.4	4	3	12	8.8	1.2	10.56	LA1012
2.2	0.4	5	3	15	11	1.2	13.2	LP1017
2.2	0.4	6	3	18	13.2	1.2	15.84	LP1017
2.2	0.4	7	3	21	15.4	1.2	18.48	LP1020
2.2	0.4	8	3	24	17.6	1.2	21.12	LP1025
2.2	0.4	9	3	27	19.8	1.2	23.76	LP1025
2.2	0.4	10	3	30	22	1.2	26.4	LP1040
2.2	0.4	1	4	4	2.2	1.6	3.52	L07U
2.2	0.4	2	4	8	4.4	1.6	7.04	LA1012
2.2	0.4	3	4	12	6.6	1.6	10.56	LA1012
2.2	0.4	4	4	16	8.8	1.6	14.08	LP1017
2.2	0.4	5	4	20	11	1.6	17.6	LP1020
2.2	0.4	6	4	24	13.2	1.6	21.12	LP1025
2.2	0.4	7	4	28	15.4	1.6	24.64	LP1040
2.2	0.4	8	4	32	17.6	1.6	28.16	LP1040
2.2	0.4	9	4	36	19.8	1.6	31.68	LP1040
2.2	0.4	10	4	40	22	1.6	35.2	LP1040
VDC	mA				VDC	mA	Watts	

**Note 1:** These characteristics, configurations, and suggestions are based on OSRAM's LED Characteristics.

**Note 2:** The **Typical Voltage** was used in these calculations.

**Note 3:** These charts and suggestions are for **Reference Use Only**.

**Note 4:** For further details contact your **Magtech Account Manager** to ensure and verify the best **Magtech LED Driver Solution** for your application and circuit configuration.

# OSRAM Dragon Series

## Golden Dragon LR W5SM / LA W5SM / LY W5SM

### Basic Electronic Characteristics for LED Circuit and Driver Calculations

<b>Forward Voltage</b>			<b>Forward Current</b>
Minimum	Typical	Maximum	Chart Calculation
2.0VDC	2.2VDC	2.6VDC	400mA

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH LED Driver Suggestion
Forward Voltage(vF)	Forward Current(iF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	
2.2	0.4	1	1	1	2.2	0.4	0.88	L03U
2.2	0.4	2	1	2	4.4	0.4	1.76	L03U
2.2	0.4	3	1	3	6.6	0.4	2.64	L03U
2.2	0.4	4	1	4	8.8	0.4	3.52	L07U
2.2	0.4	5	1	5	11	0.4	4.4	L07U
2.2	0.4	6	1	6	13.2	0.4	5.28	L07U
2.2	0.4	7	1	7	15.4	0.4	6.16	L07U
2.2	0.4	8	1	8	17.6	0.4	7.04	LA1012
2.2	0.4	9	1	9	19.8	0.4	7.92	LA1012
2.2	0.4	10	1	10	22	0.4	8.8	LA1012
2.2	0.4	1	2	2	2.2	0.8	1.76	L03U
2.2	0.4	2	2	4	4.4	0.8	3.52	L07U
2.2	0.4	3	2	6	6.6	0.8	5.28	L07U
2.2	0.4	4	2	8	8.8	0.8	7.04	LA1012
2.2	0.4	5	2	10	11	0.8	8.8	LA1012
2.2	0.4	6	2	12	13.2	0.8	10.56	LA1012
2.2	0.4	7	2	14	15.4	0.8	12.32	LP1017
2.2	0.4	8	2	16	17.6	0.8	14.08	LP1017
2.2	0.4	9	2	18	19.8	0.8	15.84	LP1017
2.2	0.4	10	2	20	22	0.8	17.6	LP1020
2.2	0.4	1	3	3	2.2	1.2	2.64	L03U
2.2	0.4	2	3	6	4.4	1.2	5.28	L07U
2.2	0.4	3	3	9	6.6	1.2	7.92	LA1012
2.2	0.4	4	3	12	8.8	1.2	10.56	LA1012
2.2	0.4	5	3	15	11	1.2	13.2	LP1017
2.2	0.4	6	3	18	13.2	1.2	15.84	LP1017
2.2	0.4	7	3	21	15.4	1.2	18.48	LP1020
2.2	0.4	8	3	24	17.6	1.2	21.12	LP1025
2.2	0.4	9	3	27	19.8	1.2	23.76	LP1025
2.2	0.4	10	3	30	22	1.2	26.4	LP1040
2.2	0.4	1	4	4	2.2	1.6	3.52	L07U
2.2	0.4	2	4	8	4.4	1.6	7.04	LA1012
2.2	0.4	3	4	12	6.6	1.6	10.56	LA1012
2.2	0.4	4	4	16	8.8	1.6	14.08	LP1017
2.2	0.4	5	4	20	11	1.6	17.6	LP1020
2.2	0.4	6	4	24	13.2	1.6	21.12	LP1025
2.2	0.4	7	4	28	15.4	1.6	24.64	LP1025
2.2	0.4	8	4	32	17.6	1.6	28.16	LP1040
2.2	0.4	9	4	36	19.8	1.6	31.68	LP1040
2.2	0.4	10	4	40	22	1.6	35.2	LP1040
VDC	mA				VDC	mA	Watts	

**Note 1:** These characteristics, configurations, and suggestions are based on OSRAM's LED Characteristics.

**Note 2:** The Typical Voltage was used in these calculations.

**Note 3:** These charts and suggestions are for Reference Use Only.

**Note 4:** For further details contact your Magtech Account Manager to ensure and verify the best Magtech LED Driver Solution for your application and circuit configuration.

## OSRAM Dragon Series

**Golden Dragon LD W5SM / LB W5SM / LT W5SM / LUW W5SM /ZW W5SG / LW W5SM**  
**Golden Dragon Plus LCW W5AM / LW W5AM / LUW W5AM**

### Basic Electronic Characteristics for LED Circuit and Driver Calculations

<b>Forward Voltage</b>			<b>Forward Current</b>
Minimum	Typical	Maximum	Chart Calculation
2.7VDC	3.2VDC	3.8VDC	350mA

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH
Forward Voltage(vF)	Forward Current(iF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	LED Driver Suggestion
3.2	0.35	1	1	1	3.2	0.35	1.12	L03U
3.2	0.35	2	1	2	6.4	0.35	2.24	L03U
3.2	0.35	3	1	3	9.6	0.35	3.36	L07U
3.2	0.35	4	1	4	12.8	0.35	4.48	L07U
3.2	0.35	5	1	5	16	0.35	5.6	L07U
3.2	0.35	6	1	6	19.2	0.35	6.72	L07U
3.2	0.35	7	1	7	22.4	0.35	7.84	LA1012
3.2	0.35	8	1	8	25.6	0.35	8.96	LA1012
3.2	0.35	9	1	9	28.8	0.35	10.08	LA1012
3.2	0.35	10	1	10	32	0.35	11.2	LA1012
3.2	0.35	1	2	2	3.2	0.7	2.24	L03U
3.2	0.35	2	2	4	6.4	0.7	4.48	L07U
3.2	0.35	3	2	6	9.6	0.7	6.72	L07U
3.2	0.35	4	2	8	12.8	0.7	8.96	LA1012
3.2	0.35	5	2	10	16	0.7	11.2	LA1012
3.2	0.35	6	2	12	19.2	0.7	13.44	LP1017
3.2	0.35	7	2	14	22.4	0.7	15.68	LP1017
3.2	0.35	8	2	16	25.6	0.7	17.92	LP1020
3.2	0.35	9	2	18	28.8	0.7	20.16	LP1025
3.2	0.35	10	2	20	32	0.7	22.4	LP1025
3.2	0.35	1	3	3	3.2	1.05	3.36	L07U
3.2	0.35	2	3	6	6.4	1.05	6.72	L07U
3.2	0.35	3	3	9	9.6	1.05	10.08	LA1012
3.2	0.35	4	3	12	12.8	1.05	13.44	LP1017
3.2	0.35	5	3	15	16	1.05	16.8	LP1017
3.2	0.35	6	3	18	19.2	1.05	20.16	LP1025
3.2	0.35	7	3	21	22.4	1.05	23.52	LP1025
3.2	0.35	8	3	24	25.6	1.05	26.88	LP1040
3.2	0.35	9	3	27	28.8	1.05	30.24	LP1040
3.2	0.35	10	3	30	32	1.05	33.6	LP1040
3.2	0.35	1	4	4	3.2	1.4	4.48	L07U
3.2	0.35	2	4	8	6.4	1.4	8.96	LA1012
3.2	0.35	3	4	12	9.6	1.4	13.44	LP1017
3.2	0.35	4	4	16	12.8	1.4	17.92	LP1020
3.2	0.35	5	4	20	16	1.4	22.4	LP1025
3.2	0.35	6	4	24	19.2	1.4	26.88	LP1040
3.2	0.35	7	4	28	22.4	1.4	31.36	LP1040
3.2	0.35	8	4	32	25.6	1.4	35.84	LP1040
3.2	0.35	9	4	36	28.8	1.4	40.32	LP1090
3.2	0.35	10	4	40	32	1.4	44.8	LP1090
VDC	mA				VDC	mA	Watts	

**Note 1:** These characteristics, configurations, and suggestions are based on OSRAM's LED Characteristics.

**Note 2:** The **Typical Voltage** was used in these calculations.

**Note 3:** These charts and suggestions are for **Reference Use Only**.

**Note 4:** For further details contact your **Magtech Account Manager** to ensure and verify the best **Magtech LED Driver Solution** for your application and circuit configuration.

# OSRAM Dragon Series

**Golden Dragon LB W5SG / LV W5SG / LT W5SG / LW W5SG / LCW W5SG**

**Basic Electronic Characteristics for LED Circuit and Driver Calculations**

**Forward Voltage**  
**Minimum Typical Maximum**  
**3.0VDC 3.8VDC 4.1VDC**

**Forward Current**  
**Chart Calculation**  
**350mA**

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH LED Driver Suggestion
Forward Voltage(vF)	Forward Current(iF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	
3.8	0.35	1	1	1	3.8	0.35	1.33	L03U
3.8	0.35	2	1	2	7.6	0.35	2.66	L03U
3.8	0.35	3	1	3	11.4	0.35	3.99	L07U
3.8	0.35	4	1	4	15.2	0.35	5.32	L07U
3.8	0.35	5	1	5	19	0.35	6.65	L07U
3.8	0.35	6	1	6	22.8	0.35	7.98	LA1012
3.8	0.35	7	1	7	26.6	0.35	9.31	LA1012
3.8	0.35	8	1	8	30.4	0.35	10.64	LA1012
3.8	0.35	9	1	9	34.2	0.35	11.97	LA1012
3.8	0.35	1	2	2	3.8	0.7	2.66	L03U
3.8	0.35	2	2	4	7.6	0.7	5.32	L07U
3.8	0.35	3	2	6	11.4	0.7	7.98	LA1012
3.8	0.35	4	2	8	15.2	0.7	10.64	LA1012
3.8	0.35	5	2	10	19	0.7	13.3	LP1017
3.8	0.35	6	2	12	22.8	0.7	15.96	LP1017
3.8	0.35	7	2	14	26.6	0.7	18.62	LP1020
3.8	0.35	8	2	16	30.4	0.7	21.28	LP1025
3.8	0.35	9	2	18	34.2	0.7	23.94	LP1025
3.8	0.35	1	3	3	3.8	1.05	3.99	L07U
3.8	0.35	2	3	6	7.6	1.05	7.98	LA1012
3.8	0.35	3	3	9	11.4	1.05	11.97	LA1012
3.8	0.35	4	3	12	15.2	1.05	15.96	LP1017
3.8	0.35	5	3	15	19	1.05	19.95	LP1020
3.8	0.35	6	3	18	22.8	1.05	23.94	LP1025
3.8	0.35	7	3	21	26.6	1.05	27.93	LP1040
3.8	0.35	8	3	24	30.4	1.05	31.92	LP1040
3.8	0.35	9	3	27	34.2	1.05	35.91	LP1040
3.8	0.35	1	4	4	3.8	1.4	5.32	L07U
3.8	0.35	2	4	8	7.6	1.4	10.64	LA1012
3.8	0.35	3	4	12	11.4	1.4	15.96	LP1017
3.8	0.35	4	4	16	15.2	1.4	21.28	LP1025
3.8	0.35	5	4	20	19	1.4	26.6	LP1040
3.8	0.35	6	4	24	22.8	1.4	31.92	LP1040
3.8	0.35	7	4	28	26.6	1.4	37.24	LP1040
3.8	0.35	8	4	32	30.4	1.4	42.56	LP1090
3.8	0.35	9	4	36	34.2	1.4	47.88	LP1090
<b>VDC</b>	<b>mA</b>				<b>VDC</b>	<b>mA</b>	<b>Watts</b>	

**Note 1:** These characteristics, configurations, and suggestions are based on OSRAM's LED Characteristics.

**Note 2:** The **Typical Voltage** was used in these calculations.

**Note 3:** These charts and suggestions are for **Reference Use Only**.

**Note 4:** For further details contact your **Magtech Account Manager** to ensure and verify the best **Magtech LED Driver Solution** for your application and circuit configuration.

# OSRAM Dragon Series

## Platinum Dragon LR W5SN / LA W5SN / LY W5SN

### Basic Electronic Characteristics for LED Circuit and Driver Calculations

<b>Forward Voltage</b>			<b>Forward Current</b>
Minimum	Typical	Maximum	Chart Calculation
2.1VDC	2.5VDC	3.3VDC	700mA

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH LED Driver Suggestion
Forward Voltage(vF)	Forward Current(iF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	
2.5	0.7	1	1	1	2.5	0.7	1.75	L03U
2.5	0.7	2	1	2	5	0.7	3.5	L07U
2.5	0.7	3	1	3	7.5	0.7	5.25	L07U
2.5	0.7	4	1	4	10	0.7	7	L07U
2.5	0.7	5	1	5	12.5	0.7	8.75	LA1012
2.5	0.7	6	1	6	15	0.7	10.5	LA1012
2.5	0.7	7	1	7	17.5	0.7	12.25	LP1017
2.5	0.7	8	1	8	20	0.7	14	LP1017
2.5	0.7	9	1	9	22.5	0.7	15.75	LP1017
2.5	0.7	10	1	10	25	0.7	17.5	LP1020
2.5	0.7	1	2	2	2.5	1.4	3.5	L07U
2.5	0.7	2	2	4	5	1.4	7	L07U
2.5	0.7	3	2	6	7.5	1.4	10.5	LA1012
2.5	0.7	4	2	8	10	1.4	14	LP1017
2.5	0.7	5	2	10	12.5	1.4	17.5	LP1020
2.5	0.7	6	2	12	15	1.4	21	LP1025
2.5	0.7	7	2	14	17.5	1.4	24.5	LP1025
2.5	0.7	8	2	16	20	1.4	28	LP1040
2.5	0.7	9	2	18	22.5	1.4	31.5	LP1040
2.5	0.7	10	2	20	25	1.4	35	LP1040
2.5	0.7	1	3	3	2.5	2.1	5.25	L07U
2.5	0.7	2	3	6	5	2.1	10.5	LA1012
2.5	0.7	3	3	9	7.5	2.1	15.75	LP1017
2.5	0.7	4	3	12	10	2.1	21	LP1025
2.5	0.7	5	3	15	12.5	2.1	26.25	LP1040
2.5	0.7	6	3	18	15	2.1	31.5	LP1040
2.5	0.7	7	3	21	17.5	2.1	36.75	LP1040
2.5	0.7	8	3	24	20	2.1	42	LP1060
2.5	0.7	9	3	27	22.5	2.1	47.25	LP1060
2.5	0.7	10	3	30	25	2.1	52.5	LP1060
2.5	0.7	1	4	4	2.5	2.8	7	L07U
2.5	0.7	2	4	8	5	2.8	14	LP1017
2.5	0.7	3	4	12	7.5	2.8	21	LP1025
2.5	0.7	4	4	16	10	2.8	28	LP1040
2.5	0.7	5	4	20	12.5	2.8	35	LP1040
2.5	0.7	6	4	24	15	2.8	42	LP1060
2.5	0.7	7	4	28	17.5	2.8	49	LP1060
2.5	0.7	8	4	32	20	2.8	56	LP1060
2.5	0.7	9	4	36	22.5	2.8	63	LP1090
2.5	0.7	10	4	40	25	2.8	70	LP1090
VDC	mA				VDC	mA	Watts	

**Note 1:** These characteristics, configurations, and suggestions are based on OSRAM's LED Characteristics.

**Note 2:** The Typical Voltage was used in these calculations.

**Note 3:** These charts and suggestions are for Reference Use Only.

**Note 4:** For further details contact your Magtech Account Manager to ensure and verify the best Magtech LED Driver Solution for your application and circuit configuration.

# OSRAM Dragon Series

**Platinum Dragon LD W5SN / LB W5SN / LT W5SN / LCW W5SN / LW W5SN**

## Basic Electronic Characteristics for LED Circuit and Driver Calculations

<b>Forward Voltage</b>			<b>Forward Current</b>
Minimum	Typical	Maximum	Chart Calculation
2.9VDC	3.6VDC	4.3VDC	700mA

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH LED Driver Suggestion
Forward Voltage(vF)	Forward Current(iF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	
3.6	0.7	1	1	1	3.6	0.7	2.52	L03U
3.6	0.7	2	1	2	7.2	0.7	5.04	L07U
3.6	0.7	3	1	3	10.8	0.7	7.56	LA1012
3.6	0.7	4	1	4	14.4	0.7	10.08	LA1012
3.6	0.7	5	1	5	18	0.7	12.6	LP1017
3.6	0.7	6	1	6	21.6	0.7	15.12	LP1017
3.6	0.7	7	1	7	25.2	0.7	17.64	LP1020
3.6	0.7	8	1	8	28.8	0.7	20.16	LP1025
3.6	0.7	9	1	9	32.4	0.7	22.68	LP1025
3.6	0.7	10	1	10	36	0.7	25.2	LP1025
3.6	0.7	1	2	2	3.6	1.4	5.04	L07U
3.6	0.7	2	2	4	7.2	1.4	10.08	LA1012
3.6	0.7	3	2	6	10.8	1.4	15.12	LP1017
3.6	0.7	4	2	8	14.4	1.4	20.16	LP1025
3.6	0.7	5	2	10	18	1.4	25.2	LP1025
3.6	0.7	6	2	12	21.6	1.4	30.24	LP1040
3.6	0.7	7	2	14	25.2	1.4	35.28	LP1040
3.6	0.7	8	2	16	28.8	1.4	40.32	LP1090
3.6	0.7	9	2	18	32.4	1.4	45.36	LP1090
3.6	0.7	10	2	20	36	1.4	50.4	LP1090
3.6	0.7	1	3	3	3.6	2.1	7.56	LA1012
3.6	0.7	2	3	6	7.2	2.1	15.12	LP1017
3.6	0.7	3	3	9	10.8	2.1	22.68	LP1025
3.6	0.7	4	3	12	14.4	2.1	30.24	LP1040
3.6	0.7	5	3	15	18	2.1	37.8	LP1040
3.6	0.7	6	3	18	21.6	2.1	45.36	LP1060
3.6	0.7	7	3	21	25.2	2.1	52.92	LP1090
3.6	0.7	8	3	24	28.8	2.1	60.48	LP1090
3.6	0.7	9	3	27	32.4	2.1	68.04	LP1090
3.6	0.7	10	3	30	36	2.1	75.6	LP1090
3.6	0.7	1	4	4	3.6	2.8	10.08	LA1012
3.6	0.7	2	4	8	7.2	2.8	20.16	LP1025
3.6	0.7	3	4	12	10.8	2.8	30.24	LP1040
3.6	0.7	4	4	16	14.4	2.8	40.32	LP1060
3.6	0.7	5	4	20	18	2.8	50.4	LP1060
3.6	0.7	6	4	24	21.6	2.8	60.48	LP1090
3.6	0.7	7	4	28	25.2	2.8	70.56	LP1090
3.6	0.7	8	4	32	28.8	2.8	80.64	LP1090
3.6	0.7	9	4	36	32.4	2.8	90.72	LP1090
VDC	mA				VDC	mA	Watts	

**Note 1:** These characteristics, configurations, and suggestions are based on OSRAM's LED Characteristics.

**Note 2:** The **Typical Voltage** was used in these calculations.

**Note 3:** These charts and suggestions are for **Reference Use Only**.

**Note 4:** For further details contact your **Magtech Account Manager** to ensure and verify the best **Magtech LED Driver Solution** for your application and circuit configuration.

# OSRAM Dragon Series

## Platinum Dragon LR W5AP / LA W5AP / LY W5AP

### Basic Electronic Characteristics for LED Circuit and Driver Calculations

<b>Forward Voltage</b>	<b>Forward Current</b>
Minimum 2.2VDC	Chart Calculation 1400mA
Typical 2.5VDC	
Maximum 2.9VDC	

LED Characteristics		LED Circuit Configuration			Driver Requirements			MAGTECH
Forward Voltage(vF)	Forward Current(iF)	# of LEDs in Series	# of Parallels	Total LEDs	Output Voltage	Output Current	Output Power	LED Driver Suggestion
2.5	1.4	1	1	1	2.5	1.4	3.5	L07U
2.5	1.4	2	1	2	5	1.4	7	LA1012
2.5	1.4	3	1	3	7.5	1.4	10.5	LA1012
2.5	1.4	4	1	4	10	1.4	14	LP1017
2.5	1.4	5	1	5	12.5	1.4	17.5	LP1020
2.5	1.4	6	1	6	15	1.4	21	LP1025
2.5	1.4	7	1	7	17.5	1.4	24.5	LP1025
2.5	1.4	8	1	8	20	1.4	28	LP1040
2.5	1.4	9	1	9	22.5	1.4	31.5	LP1040
2.5	1.4	10	1	10	25	1.4	35	LP1040
2.5	1.4	1	2	2	2.5	2.8	7	L07U
2.5	1.4	2	2	4	5	2.8	14	LP1017
2.5	1.4	3	2	6	7.5	2.8	21	LP1025
2.5	1.4	4	2	8	10	2.8	28	LP1040
2.5	1.4	5	2	10	12.5	2.8	35	LP1040
2.5	1.4	6	2	12	15	2.8	42	LP1060
2.5	1.4	7	2	14	17.5	2.8	49	LP1060
2.5	1.4	8	2	16	20	2.8	56	LP1060
2.5	1.4	9	2	18	22.5	2.8	63	LP1090
2.5	1.4	10	2	20	25	2.8	70	LP1090
2.5	1.4	1	3	3	2.5	4.2	10.5	LA1012
2.5	1.4	2	3	6	5	4.2	21	LP1025
2.5	1.4	3	3	9	7.5	4.2	31.5	LP1040
2.5	1.4	4	3	12	10	4.2	42	LP1060
2.5	1.4	5	3	15	12.5	4.2	52.5	LP1060
2.5	1.4	6	3	18	15	4.2	63	LP1090
2.5	1.4	7	3	21	17.5	4.2	73.5	LP1090
2.5	1.4	8	3	24	20	4.2	84	LP1090
VDC	mA				VDC	mA	Watts	

**Note 1:** These characteristics, configurations, and suggestions are based on **OSRAM's LED Characteristics**.

**Note 2:** The **Typical Voltage** was used in these calculations.

**Note 3:** These charts and suggestions are for **Reference Use Only**.

**Note 4:** For further details contact your **Magtech Account Manager** to ensure and verify the best **Magtech LED Driver Solution** for your application and circuit configuration.