QUELIGHTING

Sustainable Lighting Solution

OUR STORY

@ Quelighting, we focus on the fast growing solid state lighting market within the LED industry. We believe in the importance of light quality, thus we emphasis on offering homogeneous lighting solution via tight binning that meets customer's demand.

@ Quelighting we believe in excellent customer service, design flexibility, and cost effective lighting solution. Quick response time and design turn around are always our #1 priority.

@ Quelighting we understand that a greener and more energy efficient planet means a better future for all of us. Our wide ion of lighting products offers an easy solution to a more energy efficient living. Quelighting is also actively involved in tree planning program, a small way to contribute to the global warming reduction efforts, one tree at a time.

PLANT-IT 2020

As a way of giving back to our environment, Quelighting partners with a non-profit organization Planit2020 (www.plantit2020.org) to help plant trees around the world. It is our promise to donate a portion of our profit to Planit 2020 to serve the cause. For every dollar that we donate, $0.85 USD will be used toward the tree

@ Quelighting, we believe in sustainability and reusability. As a result, all material content used in our products are environmental friendly (Pb free, RoHS compliant, and help save energy). We also offer a repair service program for most of our products after our warrantees are expired.

Any question about our tree planting program, please feel free to contact us@ info@quelighting.com

Quality for Our Environment, Lighting that sparkles your life

QUELIGHTING

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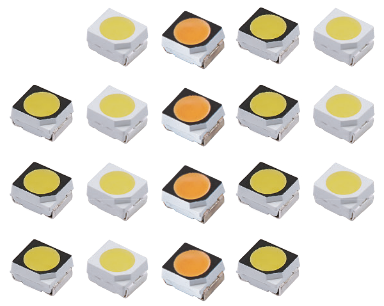


- SMD / Highpower
- Industrial
- Horticulture
- UV LED / IR LED / Lamp
- Light Mudul

www.quelighting.com

FC CE UL TÜV RoHS

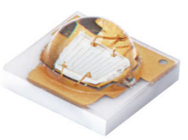
SMD Led

3030 Series

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	CCT	CRI	Drive current (mA)	Vf typ (V)
3030	0.2~0.6	QLSP04WXL	3.0x3.0x0.6	25~36	120	White	2700K~6500K	80	65	2.85
3030	1	QLSP03WXH	3.0x3.0x0.6	110~145	120	White	2700K~6500K	80	150	6.2
3030	1~2	QLSP04WXU	3.0x3.0x0.6	106~145	120	White	2700K~6500K	80/70	350	3.1

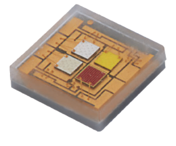
Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)
3030	0.5	QLSP04BXH	3.0x3.0x0.6	11	120	Blue	460~475	150	3.2
3030	0.5	QLSP04RXH	3.0x3.0x0.6	20	120	Red	615~630	150	2.2
3030	1	QLSP04BXU	3.0x3.0x0.6	24.5	120	Blue	460~475	350	3.2
3030	1	QLSP04GXU	3.0x3.0x0.6	75.6	120	Green	515~535	350	3.2
3030	1	QLSP04PYXU	3.0x3.0x0.6	100	120	PC Amber	588~595	350	3.2
3030	1	QLSP04RXU	3.0x3.0x0.6	40.7	120	Red	615~630	350	2.2

3535 Series



Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)
3535	2.5	QLSP07RBUC	3.5x3.5x2.2	25	120	Royal Blue	450~460	350	3.2
3535	2.5	QLSP07BUC	3.5x3.5x2.2	40	120	Blue	460~475	350	3.2
3535	2.5	QLSP07CGUC	3.5x3.5x2.2	80	120	Cyan Green	495~515	350	3.2
3535	2.5	QLSP07GUC	3.5x3.5x2.2	100	120	Green	515~535	350	3.2
3535	2	QLSP07AUC	3.5x3.5x2.2	62	120	Amber	587~595	350	2.2
3535	2	QLSP07RUC	3.5x3.5x2.2	70	120	Red	615~630	350	2.2
3535	2	QLSP07RUC	3.5x3.5x2.2	300mW	120	Deep Red	650~670	350	2.2
3535	2	QLSP07CRUC	3.5x3.5x2.2	260mW	120	Near IR Red	720~740	350	2

5050 Series

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)
5050	9	QLSP08ARGBU	5.2X5.2X3.1	50	120	Amber	585~595	350	2.2
				50		Red	620~630		2.2
				90		Green	520~530		3.2
				20		Blue	455~465		3.2
5050	6.2	QLSP08RGBU	5.2X5.2X1.3	40	120	Red	620~630	350	2.2
				70		Green	520~530		3.2
				20		Blue	455~465		3.2

SMD Led

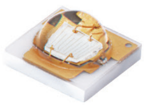
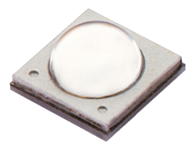
Industrial



Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm/mcd)	View angle	Color	CCT/Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Curent (mA)	Max. Watt
3528 PLCC 2	0.06	QLSP05WC	3.5x2.8x1.9	2600	120	White	6000K~7800K	20	3	30	0.1
3528 PLCC 2	0.06	QLSP05W (Black face)	3.5x2.8x1.9	2600	120	White	x=0.31,y=0.295	20	3	30	0.1
3528 PLCC 2	0.15	QLSP05PCAD (Black face)	3.5x2.8x1.9	3250	120	PC Amber	588~594	50	3.2	75	0.25
3528 PLCC 4	0.18	QLSP05WCD	3.5x2.8x1.9	22 lm	120	White	5000K~7000K	60	3.1	70	0.25
3528 PLCC 4	0.1	QLSP05YD (Black face)	3.5x2.8x1.9	1800	120	Amber	588~594	50	2.2	70	0.16
3528 PLCC 4	0.16	QLSP05PCAD	3.5x2.8x1.9	13.5 lm	120	PC Amber	588~592	50	3.1	70	0.25
3528 PLCC 4	0.1	QLSP05RD	3.5x2.8x1.9	2750	120	Red	612~624	50	2.25	70	0.16
3528 PLCC 6	0.18	QLSP05WXG	3.5x2.8x1.9	16000	120	White	5000K~8000K	140	3.1	250	0.8
3528 PLCC 6	0.45	QLSP05PCAG	3.5x2.8x1.9	15000	120	PC Amber	588~592	140	3.15	200	0.65
3528 PLCC 6	0.3	QLSP05RG	3.5x2.8x1.9	7300	120	Red	615~630	140	2.1	200	0.45

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)
3030	1.2	QLSP06WXM	3.0x3.0x0.5	103~126	120	White	2700K~9000K	100	DC 12V
3030	1.2	QLSP06RM	3.0x3.0x0.5	36	120	Red	615~630	100	DC 12V
3030	1.2	QLSP06GM	3.0x3.0x0.5	75	120	Green	515~535	100	DC 12V
3030	1.2	QLSP06BM	3.0x3.0x0.5	24.5	120	Blue	460~475	100	DC 12V
3030	1.2	QLSP06PCAM	3.0x3.0x0.5	90	120	PC Amber	587~595	100	DC 12V

UV LED

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Curent (mA)	Max. Watt
3535	1.75	QLUV073AM	3.5x3.5x**	880	30/60/120	360~370	500	3.5	1000	4
3535	1.75	QLUV073AM	3.5x3.5x**	1200	30/60/120	380~390	500	3.5	1000	4
3535	1.65	QLUV073AM	3.5x3.5x**	1200	30/60/120	390~400	500	3.3	1000	3.7
3535	1.6	QLUV073AM	3.5x3.5x**	1200	30/60/120	400~410	500	3.2	1000	3.5
6868	4	QLUV1010CW	6.8x6.8x3.7	1200	60/120	360~370	1000	3.6	2000	10
6868	4	QLUV1010CW	6.8x6.8x3.7	2100	60/120	380~390	1000	3.6	2000	10
6868	4	QLUV1010CW	6.8x6.8x3.7	2100	60/120	390~400	1000	3.6	2000	10
6868	4	QLUV1010CW	6.8x6.8x3.7	2100	60/120	400~410	1000	3.6	2000	10

Horticulture

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm/mW)	View angle	Color	CCT/Wd (nm)	CRI	Drive current (mA)	Vf typ (V)	Max. Curent (mA)	Max. Watt
3030	0.5	QLSP04UXH	3.0x3.0x0.6	40~55	120	White	3000K/5000K	90~95	150	3.1	180	3.2
3030	1	QLSP04UXU	3.0x3.0x0.6	90~120	120	White	3000K/5000K	90~95	350	3.2	400	3.3

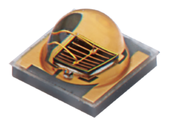
Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm/mW)	View angle	Color	CCT/Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Curent (mA)	Max. Watt
3030	0.5	QLSP04RXH	3.0x3.0x0.6	150mW	120	UV LED	400~410	150	3.2	180	3.3
3030	0.5	QLSP04BXH	3.0x3.0x0.6	180mW	120	UV LED	420~430	150	3.2	180	3.3
3030	0.5	QLSP04RBXH	3.0x3.0x0.6	9	120	Royal Blue	450~460	150	3.2	180	3.2
3030	0.5	QLSP04BXH	3.0x3.0x0.6	11	120	Blue	460~475	150	3.2	180	3.2
3030	0.5	QLSP04GXH	3.0x3.0x0.6	38	120	Green	515~535	150	3.2	350	3.2
3030	0.5	QLSP04RXH	3.0x3.0x0.6	85mW	120	Crimson	650~670	150	2.1	300	2.3
3030	1~1.5	QLSP04PCRXU	3.0x3.0x0.6	27.5	120	PC RED	x=0.668 y=0.313	500	3.2	500	3.3
3030	1~2	QLSP04BXU	3.0x3.0x0.6	30	120	Blue	460~475	350	3.1	700	3.3
3030	1~2	QLSP04RXU	3.0x3.0x0.6	240mW	120	Crimson	650~670	350	2.2	700	2.6
3030	1~2	QLSP04CRXU	3.0x3.0x0.6	200mW	120	Cherry Red	720~740	350	2	700	2.4

Lamp

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Luminous Intensity (mcd)	View angle	Color	CCT/Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Curent (mA)	Max. Watt
5mm	0.06	QLLP01BB-XXX	5	6000	15	Blue	460~475	20	3.2	30	0.1
5mm	0.06	QLLP01GB-XXX	5	13000	15	Green	525~535	20	3.2	30	0.1
5mm	0.04	QLLP01YB-XXX	5	11000	15	Yellow	585~595	20	2	30	0.07
5mm	0.04	QLLP01RB-XXX	5	8000	15	Red	615~630	20	2	30	0.07
5mm	0.04	QLLP01URA-170	5	350	45	Deep Red	650~670	20	1.9	100	0.085
5mm	0.06	QLLP01BGR-XXX	5	30	120	Blue	470	20	3.2	25	0.1
				35		Green	530		3.2		
				20		Red	625		2.0		
5mm	0.06	QLLP01WXB-XX	5	24000	18	White	2700K~32000K	20	1900/1/3	30	0.1

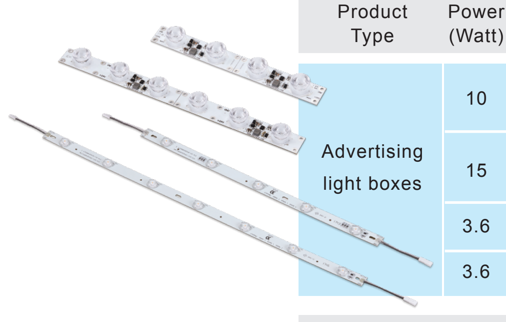
IR





Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Curent (mA)	Max. Watt
3mm Emitter	0.06	QLIR03DYD	3	50	30	940	50	1.3	100	0.17
PHOTOTRANSISTOR	0.06	QLPT03DYD	3		25	940	8~27			
5mm	0.06	QLIR01CYG	5	190	20	880	100	1.6	125	0.237
5mm	0.06	QLIR01CM	5	135	35	890	100	1.6	125	0.237
K1	1.26	QLIR02B3AV		500	120	850	700	1.8	1000	2.2
3535	3.2	QLIR07A5BW	3.5x3.5x2.4	1250	90	850	1000	3.2	1500	5

Light Module



Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	CCT/Wd(nm)	CRI	Drive current (mA)	Vin(V)
Advertising light boxes	10	QLML20010C2	200x25x13	680~888	x-axis:30 y-axis:8	White	2700K~6500K	70/80	410	DC 24V
	15	QLML30015C2	300x25x13	1050~1350	x-axis:30 y-axis:8	White	2700K~6500K	70/80	630	
	3.6	QLML400C42-121S	400x20x8	240~280	150	White	2700K~9000K	70/80	150	
	3.6	QLML550C42-120S	550x20x8	340~400	150	White	2700K~9000K	70/80	150	

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	CCT/Wd(nm)	CRI	Vin (V)
AC Direct	4~6	QLML120XC5-XX	120x18x2.3	400~500	120	White	2700K~6500K	80	AC 230V
AC Dircet	8~10	QLML290XC5-XX	290x18x2.8	800~1000	120	White	2700K~6500K	80	AC 230V