



QUELIGHTING

Sustainable Lighting Solution



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QUELIGHTING
Sustainable Lighting Solution

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	90/80	65	2.85
3030	1	QLSP03WXH	3.0x3.0x0.6	110~145	120	White	2700K~6500K	90/80	150	6.2
3030	1~2	QLSP04WXU	3.0x3.0x0.6	106~145	120	White	2700K~6500K	80/70	350	3.0



Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
3030	0.5	QLSP04BH	3.0x3.0x0.6	8	120	Blue	460~480	150	3.2	200
3030	0.5	QLSP04GK	3.0x3.0x0.6	40	120	Green	515~530	150	3.2	200
3030	0.5	QLSP04RH	3.0x3.0x0.6	23	120	Red	615~630	150	2.2	200
3030	1	QLSP04BU_1	3.0x3.0x0.6	30	120	Blue	465~480	350	3.2	500
3030	1	QLSP04RU_1	3.0x3.0x0.6	40	120	Red	615~630	350	2.2	500
3030	1	QLSP04GU_1	3.0x3.0x0.6	75	120	Green	515~535	350	3.2	500
3030	1	QLSP04AU_1	3.0x3.0x0.6	27.5	120	Amber	585~595	350	2.2	350
3030	1	QLSP04PCAU_1	3.0x3.0x0.6	110	120	PC Amber	588~595	350	3.2	500
3030	2.5	QLSP04BU	3.0x3.0x0.6	30	120	Blue	465~480	350	3.2	1000
3030	2.5	QLSP04CGU	3.0x3.0x0.6	70	120	Cyan Green	495~515	350	3.2	700
3030	2.5	QLSP04GU	3.0x3.0x0.6	100	120	Green	515~535	350	3.2	700
3030	2	QLSP04RU	3.0x3.0x0.6	44	120	Red	615~630	350	2.2	700
3030	2.5	QLSP04PCAU	3.0x3.0x0.6	100	120	PC Amber	588~595	350	3.2	1000

2020 Series



Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
2020	4	QLSP20BEU	2.0x2.0x0.85	40	120	Blue	465~480	350	3.2	1050
2020	4	QLSP20GEU	2.0x2.0x0.85	110	120	Green	515~535	350	3.2	1050
2020	4	QLSP20PCAEU	2.0x2.0x0.85	100	120	PC Amber	588~595	350	3.2	1050
2020	4	QLSP20REU	2.0x2.0x0.85	70	120	Red	615~630	350	2.2	1050
2020	4	QLSP20CWEU	2.0x2.0x0.85	150	120	White	5000~6500K	350	3.2	1050

3535 Series



Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
3535	5	QLSP07WUC	3.5x3.5x2.0	170	120	White	5300K~6500K	350	3	1500
3535	3.5	QLSP07BUC	3.5x3.5x2.0	40	120	Blue	465~480	350	3.2	1000
3535	3.5	QLSP07CGUC	3.5x3.5x2.0	80	120	Cyan Green	495~515	350	3.2	1000
3535	3.5	QLSP07GUC	3.5x3.5x2.0	100	120	Green	515~535	350	3.2	1000
3535	2	QLSP07AUC	3.5x3.5x2.0	62	120	Amber	588~595	350	2.2	800
3535	3.5	QLSP07PCauc	3.5x3.5x2.0	110	120	PC Amber	588~595	350	3.2	800
3535	2	QLSP07RUC	3.5x3.5x2.0	70	120	Red	615~630	350	2.2	800

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

RGBW

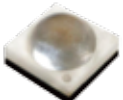
Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Brightness (lm)	View angle	Color	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Curent (mA)
1515 RGB	0.044	QLSP17RGBA (Black face)	1.5x1.5x1.0	80	120	Red	620~630	5	2.1	20
	0.06			350		Green	520~530	5	3.1	20
	0.06			90		Blue	460~470	5	3.1	20
2121 RGB	0.044	QLSP14RGB (Black face)	2.1x2.1x2.0	800 mcd	120	Red	620~630	20	2.1	20
	0.06			2000 mcd		Green	520~530	20	3.1	20
	0.06			500 mcd		Blue	460~470	20	3.1	20
3030 WRGB	0.78	QLSP06RGBXWAW	3.0x3.0x1.8	44	120	White	2700K~7000K	250	3.1	300
	0.55			37		Red	615~630	250	2.2	300
	0.78			52		Green	520~530	250	3.1	300
	0.78			10.4		Blue	450~460	250	3.1	300
3535 RGB	0.05	QLSP07RGBF (Black face)	3.5x3.5x2.8	600	120	Red	620~630	20	2.2	25
	0.1			1500		Green	520~530	20	3.2	30
	0.1			400		Blue	460~470	20	3.2	30
5050 WRGB	0.2	QLSP08RGBXW	5.0x5.0x1.6	21 lm	120	White	2700K~7000K	60	3.1	60
	0.06			700 mcd		Red	615~630	20	2.2	20
	0.06			1500 mcd		Green	520~530	20	3.1	20
	0.06			500 mcd		Blue	450~460	20	3.1	20
5050 RGB	0.04	QLSP08RGB_B (Black face)	5.0x5.0x1.7	700 mcd	120	Red	620~630	20	2.1	20
	0.06			1500 mcd		Green	520~530	20	3.1	20
	0.06			500 mcd		Blue	455~465	20	3.1	20

UVA 3030



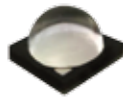
Product Type	type	Power (watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
3030	Slilcon	2	QLUV04M3U	3.0x3.0x0.6	250	120	365	350	3.5	700
3030	Slilcon	2	QLUV04L3U	3.0x3.0x0.6	300	120	385	350	3.5	700
3030	Slilcon	2	QLUV04K3U	3.0x3.0x0.6	310	120	395	350	3.3	700
3030	Slilcon	2	QLUV04J3U	3.0x3.0x0.6	310	120	405	350	3.2	700
3030	Slilcon	2	QLUV04H3U	3.0x3.0x0.6	365	120	420	350	3.2	700

UVA 3535



Product Type	type	Power (watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
3535	Silicon	3	QLUV07M3SAM	3.5x3.5x2.0	750	120	365	500	3.5	700
3535	Silicon	3	QLUV07L3SAM	3.5x3.5x2.0	850	120	385	500	3.5	700
3535	Silicon	3	QLUV07K3SAM	3.5x3.5x2.0	850	120	395	500	3.2	700
3535	Silicon	3	QLUV07J3SAM	3.5x3.5x2.0	850	120	405	500	3.2	700
3535	Silicon	3	QLUV07H3SAM	3.5x3.5x2.0	850	120	420	500	3.2	700
3535	Quartz glass	4	QLUV07M3QCV	3.5x3.5x2.5	1050	60	365	700	3.7	1000
3535	Quartz glass	4	QLUV07L3QCV	3.5x3.5x2.5	1250	60	385	700	3.5	1000
3535	Quartz glass	4	QLUV07K3QCV	3.5x3.5x2.5	1250	60	395	700	3.5	1000
3535	Quartz glass	4	QLUV07J3QCV	3.5x3.5x2.5	1250	60	405	700	3.5	1000

UVA 7070



Product Type	type	Power (watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
7070	Quartz glass	10	QLUV10M10CW	7.0x7.0x4.5(5.7)	3000	60/45	365	1000	8.4	2000
7070	Quartz glass	10	QLUV10L10CW	7.0x7.0x4.5(5.7)	3100	60/45	385	1000	7.6	2000
7070	Quartz glass	10	QLUV10K10CW	7.0x7.0x4.5(5.7)	3300	60/45	395	1000	7.6	2000
7070	Quartz glass	20	QLUV10M20QCV	7.0x7.0x4.1	4000	60	365	700	15	1000
7070	Quartz glass	20	QLUV10L20QCV	7.0x7.0x4.1	4300	60	385	700	14	1500
7070	Quartz glass	20	QLUV10K20QCV	7.0x7.0x4.1	4300	60	395	700	14	1500

UVB 3535



Product Type	type	Power (watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
3535	Quartz glass	0.2	QLUV07EYGE	3.5x3.5x1.05	3.3	120	310	20	6	30
3535	Quartz glass	0.2	QLUV07DYGE	3.5x3.5x1.6	6	120	310	20	6	40
3535	Quartz glass	1	QLUV07E2GE	3.5x3.5x1.6	14	120	310	100	6	150

UVC Series



Product Type	type	Power (watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Max. Current (mA)
3535	Quartz glass	1	QLUV07N2EM	3.5x3.5x1.05	11.5	120	275	100	6	150
3535	Quartz glass	1	QLUV07N2DM	3.5x3.5x3.15	11.5	35	275	100	6	150
3535	Quartz glass	1	QLUV07N2QED	3.5x3.5x1.6	15	120	275	100	6	150
3535	Quartz glass	2	QLUV07N2QEJ	3.5x3.5x1.6	28	120	275	200	6	300
3535	Quartz glass	3	QLUV07N3GEU	3.5x3.5x1.72	50	120	275	350	6	500
7070	Quartz glass	10	QLUV10N10QCN	7.0x7.0x4.6	130	60	275	400	18	600

Quality for Our Environment Lighting that sparkles your life

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)
2825	0.5	QLSP19WWH	2.8x3.5x0.7	75	120	White	4000K~5000K	80	150	3	180
3030	1	QLSP04UXU	3.0x3.0x0.6	90~120	120	White	4000K~5000K	90~95	350	3.2	400

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	0.5
3030	0.5	QLSP04BXH	3.0x3.0x0.6	180mW	120	UV LED	420~430	150	3.2	180	0.5
3030	0.5	QLSP04RBXH	3.0x3.0x0.6	9	120	Royal Blue	450~460	150	3.2	180	0.5
3030	0.5	QLSP04RXH	3.0x3.0x0.6	85mW	120	Crimson	650~670	150	2.1	300	0.6
3030	1~1.5	QLSP04PCR XU	3.0x3.0x0.6	27.5	120	PC RED	x=0.668 y=0.313	500	3.2	500	1.5
3030	1~2	QLSP04BXU	3.0x3.0x0.6	20	120	Royal Blue	450~460	350	3.1	700	2.5
3030	1~2	QLSP04RXU	3.0x3.0x0.6	240mW	120	Crimson	650~670	350	2.2	700	1.5
3030	1~2	QLSP04CR XU	3.0x3.0x0.6	200mW	120	Cherry Red	720~740	350	2	700	1.5
3535	3.5	QLSP07RBUC	3.5x3.5x2.0	25	120	Royal Blue	450~460	350	3.2	1000	3
3535	2	QLSP07CUC	3.5x3.5x2.0	470mW	120	Deep Red	650~670	350	2.2	1000	2.4
3535	2	QLSP07CRUC	3.5x3.5x2.0	410mW	120	Near IR Red	720~740	350	2	1000	2.4

IR

Product Type	Power (Watt)	Quelighting Part number	Dimension (mm)	Radiant Power (mW)	Light Current	View angle	Wd (nm)	Drive current (mA)	Vf typ (V)	Resin color
5mm Emitter	0.13	QLIR01DYJBM	5	16		25	940	100	1.2	Black
PHOTODIODE		QLPD01BXKBM	5		75 uA	15	940			Black
4029 Side Look	0.02	QLIR03DXJ	4.0x2.9x2.9	75		25	940	50	1.2	Clear
PHOTOTRANSISTOR		QLPD03DXG	4.0x2.9x2.9		100 uA	20	940			Clear
3mm Emitter	0.06	QLIR02DXDD	3	40		30	940	50	1.3	Clear
PHOTOTRANSISTOR		QLPD02DXJB	3		18	25	940			Black
5mm Emitter	0.06	QLIR01DXGCD	5	90		20	940	50	1.3	Blue Clear
PHOTODIODE		QLPD01DXLB	5		44	35	940			Black
5mm DIP	0.06	QLIR01DXGD	5	105		20	940	50	1.3	Water Clear
PHOTODIODE		QLPD01DXMB	5		56	50	940			Black
5mm DIP	0.06	QLIR01DXGD1	5	90		20	940	50	1.3	Water Clear
PHOTODIODE		QLPD04DXBB	5.2x4.4x3.9		35	90	940			Balck

Quality for Our Environment, Lighting that sparkles Your Life



@ 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 planting program, a small way to contribute to the global warming reduction efforts, one tree at a time

@ 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.



QUELIGHTING

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