

King in high end
LED, Lighting up
your screen

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Notes:

- 1. Scenes of application mentioned in this catalogue are representative cases and for reference only.
- 2. Products are subject to change without prior notice. Please refer to the latest specifications of our products before using.
- 3. Please follow the instruction to use our product at allowed situation and do not violate electrical restriction while using our product.
- 4. Information in this catalogue is the typical usage of LED products; for other special purpose, please consult our technical team.
- 5. Do not duplicate or re-post the content and information in this catalogue without our permission.



Kinglight Social Media

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Worldwide Leading LED Manufacturer



Established in
2008



Nearly
20 Years' Experience



Partners
1000+



Global Cases
15000+

Shenzhen Kinglight Co., Ltd. is a national high-tech enterprise in China specializing in the R&D, production, and sales of semiconductors, LEDs (for display manufacturing), LED lighting fixtures and systems. Being market oriented, Kinglight has achieved profound strength in the optoelectronic industry and has forged a professional team for R&D, sales, and marketing. And Kinglight is committed to becoming a leading enterprise in optoelectronic semiconductor industry.

Suzhou Kinglight Optoelectronics Co., Ltd, located in an independent industrial park in Zhangjiagang, Suzhou, is a branch company and the production base of Kinglight. The industrial park covers an area of more than tens of thousands of square meters, including a R&D center and several packaging plants with over 1,000 employees. The production workshop is strictly divided into different functional areas according to packaging procedures to ensure orderly production for top quality and high performance semiconductor devices, LEDs, and LED lighting fixtures.

Kinglight's technological prowess and product portfolio span diverse fields. Drawing on our robust capabilities in the encapsulation of optoelectronics, Kinglight maintains a leading position in China in various technical domains, including pioneering technologies such as MLED micro-pitch display and advanced LED lighting and large-screen display techniques. Serving a broad clientele of over 1000 global customers, Kinglight's LEDs are widely used in 15,000+ display projects around the world, contributing to influential events such as the Rio Olympics, Beijing Winter Olympics, Qatar World Cup, Hangzhou Asian Games, and more.



Years' Devotion to LED Innovation

2 R&D Centers 2 R&D Bases

Kinglight has strong R&D capabilities, actively invests in technological innovation and acquires a number of patents, and has established an industry-leading R&D experimental platform. Through continuous integration of technical resources, in-depth integration of industry, academia and research, Kinglight has deepened and implemented scientific and technological innovation, providing the industry with continuous technological leadership.

40M⁺
Investment in R&D
in 5 Years

10M⁺
Investment in
Laboratory

8
LED Innovation
Experiment Platforms



Advanced Production & Management System

Higher Production
Efficiency
Continuously breaking
through industry standards

Reliability throughout
The Entire Service Life
Establish a complete quality
trace system from raw
material to finished product

Strict Quality Control
Comprehensive information
system to monitor every
manufacturing procedure

Digitalization
Digital management to ensure
every procedure goes orderly

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Worldwide 20000⁺ Cases Utilizing Kinglight LEDs

London Olympics, Beijing Winter Olympics, Paris Olympics, Qatar World Cup, Dubai World Expo, Hangzhou Asia Games, Chengdu Universiade, G20 Summit, BRICS Summit, Oscars, Times Square, etc.



01

Mini/Micro LED in Package

Features



High Compatibility

Versatile composition for modules in different pixel pitches between P0.5 - P1.25

Low technical requirement but high production efficiency and high yield



High Reliability & Protection

Utilize MCOB encapsulation with optical glue for excellent anti-bump, moisture proof and dust proof performance



Excellent Display Uniformity

Accurate light and color binning for uniform brightness and color display

Calibration free



Extra Large Display Angle

Circular light distribution curve ensures evenly distributed light in all directions.

Consistent display at different angles, no color cast at 180 degrees, suitable for curved screens

Product List & Parameters

Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)			
							MIN	MAX	MIN	MAX	MIN	MAX		
	MC0404N-M1	JT-FCHCSF0404NSURZGQBB-B-M1	Common Cathode	Full Black	R	38	26	50	620	625	1.7	2.4	5	P0.78/54S 2600nit
					G	70	53	100	510	535	2.4	3.4	3	
					B	10	7	18	458	475	2.4	3.4	2	
	MC0505N-M1	JT-FCHCSF0505NSURZGQBB-B-M1	Common Cathode	Full Black	R	60	40	120	620	625	1.7	2.4	5	P0.78/54S 2600nit
					G	90	55	140	510	535	2.4	3.4	3	
					B	12	7	20	458	475	2.4	3.4	2	
	MC0606N-M1	JT-FCHCSF0606NSURZGQBB-B-M1	Common Cathode	Full Black	R	65	45	130	620	625	1.7	2.4	5	P0.93/45S 2600nit
					G	100	65	180	510	535	2.4	3.4	3	
					B	13	8	24	458	475	2.4	3.4	2	
	MC0606N-M1-P3	JT-FCHCSF0606NSURZGQBB-B-M1-P3	Common Cathode	Full Black	R	56	30	70	620	625	1.7	2.4	5	P1.25/36S 500nit
					G	82	60	120	530	540	2.4	3.4	3	
					B	10	7	17	458	467	2.4	3.4	2	
	MC1010P-M1	JT-FCHCSF1010PSURZGQBB-B-M1	Common Anode	Full Black	R	70	50	150	620	625	1.7	2.4	5	P1.25/45S 1600nit
					G	110	70	190	510	535	2.4	3.4	3	
					B	13	9	24	458	475	2.4	3.4	2	
	MC1010P-M1-P3	JT-FCHCSF1010PSURZGQBB-B-M1-P3	Common Anode	Full Black	R	57	30	70	620	625	1.7	2.4	5	P1.25/48S 500nit
					G	84	60	120	530	540	2.4	3.4	3	
					B	10	7	17	458	467	2.4	3.4	2	
	MC1010P-M2	JT-FCTCMF1010PSURZGQBW-W-M2	Common Anode	White	R	120	80	170	620	625	1.7	2.4	5	P2/20S 3500nit
					G	180	140	260	510	535	2.4	3.4	3	
					B	28	18	40	458	475	2.4	3.4	2	
	MC1415P-M1	JT-FCCGF1415PSURZGQBB-B-M1	Common Anode	Full Black	R	60	30	80	620	625	1.7	2.4	5	P2.6/18S 2000nit
					G	90	70	130	510	535	2.4	3.4	3	
					B	13	8	20	458	475	2.4	3.4	2	
MC1515P-M1	JT-FCCGF1515PQWSURZGQBB-B-M1	Common Anode	Full Black	R	49	30	80	620	625	1.8	2.4	5	P1.9/18S 4500nit	
				G	90	70	130	510	535	2.4	3.0	3		
				B	12	8	20	458	475	2.4	3.0	2		
MC4156P-M1	JT-FCTJF4156PSURZGQBB-B-M1	Common Anode	Full Black	w	230	150	400	/	/	2.7	3.3	10	P1.56/45S 1000nit	
				R	50	33	70	620	625	1.7	2.4	5		
				G	80	60	115	510	535	2.4	3.4	3		
				B	12	8	18	458	475	2.4	3.4	2		

02

Small Pitch

Features



Ultra High Definition

TOP LED has a minimal size of 1.02*1.02mm for indoor P1.25 - 1.5 UHD display



High Brightness & Contrast

Screen brightness can reach 1,000 nits; Black frame design offers TOP LEDs a contrast ratio of 20000:1 for more realistic images

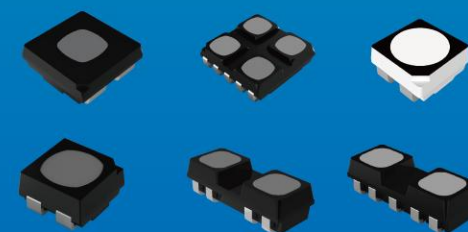
Product List & Parameters

Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness	
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)				
S Series															
	TOP1010-S1	JT-KF1010SURZGQBM-BB-S1	Common Anode	Full Black	R	22	14	36	620	625	1.7	2.4	5	P1.25/45S 1000nit	
					G	78	50	115	510	535	2.4	3.4	3		
					B	11	6	20	458	475	2.4	3.4	2		
	1212-S1	JT-KF1212SURZGQBM-BB-S1	Common Anode	Full Black	R	23	15	35	620	625	1.7	2.4	5	P1.56/45S 1000nit	
					G	84	60	115	510	535	2.4	3.4	3		
					B	11	5	20	458	475	2.4	3.4	2		
A Series															
	TOP1010-P3	JT-KF1010SURZGQBM-BB-P3	Common Anode	Full Black	R	23	13	34	620	625	1.7	2.4	5	P1.25/45S 500nit	
					G	80	50	140	530	540	2.4	3.4	3		
					B	8	5	20	458	465	2.4	3.4	2		
	TOP1010-A1	JT-KF1010SURZGQBM-BB-A1	Common Anode	Full Black	R	23	15	34	620	625	1.7	2.4	5	P1.25/45S 1000nit	
					G	81	60	120	510	535	2.4	3.4	3		
					B	11	7	20	458	475	2.4	3.4	2		
	1212-A1	JT-KF1212SURZGQBM-BB-A1	Common Anode	Full Black	R	24	17	36	620	625	1.7	2.4	5	P1.56/45S 1000nit	
					G	98	65	115	510	535	2.4	3.4	3		
					B	12	7	20	458	475	2.4	3.4	2		



03

Indoor



Features



High Consistency

Every pixels keep excellent color uniformity and consistency at low current input and perform accurate color gamut at different levels of brightness



High Contrast

Contrast ratio reaching 20000:1 to achieve higher gray levels and improved the contrast between light and dark for the best display effect



Wide Viewing Angle

Adopt large-angle design for wide viewing angle without color offset, enhanced 3-in-1 color mixing effect, and ensured color consistency when videoing at different angles



Innovative Designs

Adopts various innovative designs: more black area for enhanced contrast; QFN packaging for increased display uniformity; 4-in-1 or 2-in-1 design for improved thrust, to meet high end indoor application scenarios

Product List & Parameters

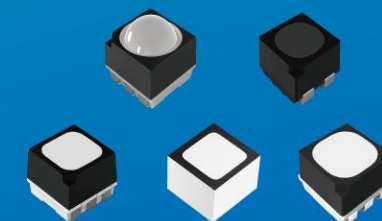
Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)			
							MIN	MAX	MIN	MAX	MIN	MAX		
S Series														
	1212-QS1	JT-TEXF1212PSURZGQBB-B-QS1	Common Anode	Full Black	R	26	18	36	620	625	1.7	2.4	5	P1.9/32S 1000nit
					G	92	70	122	510	535	2.4	3.4	3	
					B	12	7	21	458	475	2.4	3.4	2	
	1415-S2	JT-KF1415QBZGSURM-BB-S2	Common Anode	Full Black	R	29	23	40	617	625	1.7	2.4	5	P2.6/32S 1000nit
					G	90	73	118	510	535	2.4	3.4	3	
					B	12	8	20	458	475	2.4	3.4	2	
	1415-S3(XR)	JT-KF1415QBZGSURM-BB-S3	Common Anode	Full Black	R	60	40	85	620	625	1.8	2.4	5	P1.9/32S 2000nit
					G	110	85	140	525	535	2.4	3.1	3	
					B	11	8	16	458	470	2.4	3.1	2	
	2020-S1	JT-KF0707QBZGSURM-BB-S1	Common Anode	Full Black	R	64	40	90	617	625	1.7	2.4	10	P3/32S 1000nit
					G	155	115	210	510	535	2.4	3.4	5	
					B	29	18	40	458	475	2.4	3.4	5	
	2020-B-S1	JT-KF0707QBZGSURW-B-S1	Common Anode	Black Surface	R	120	90	200	620	625	1.7	2.4	10	P3/32S 3000nit
					G	380	260	500	510	535	2.4	3.4	5	
					B	80	45	120	458	475	2.4	3.4	5	
	2020-S2B	JT-KF0707QBZGSURM-BB-S2B	Common Anode	Full Black	R	58	42	70	620	625	1.7	2.4	10	P3/32S 1000nit
					G	155	100	200	510	535	2.4	3.4	5	
					B	29	18	40	455	480	2.4	3.4	5	
	2020-S3	JT-KF0707QBZGSURM-BB-S3	Common Anode	Full Black	R	140	100	200	620	625	1.7	2.4	10	P3.9/16S 1800nit
					G	180	145	255	510	535	2.4	3.4	5	
					B	25	20	45	458	475	2.4	3.4	5	
	2424-S1	JT-KF2424QBZGSURM-BB-S1	Common Anode	Full Black	R	58	40	85	620	625	1.7	2.4	10	P2.6/32S 1000nit
					G	140	120	200	510	535	2.4	3.4	5	
					B	27	18	40	455	480	2.4	3.4	5	
	4195-S1	JT-KF4195SURZGQBM-BB-S1	Common Anode	Full Black	R	27	20	40	620	625	1.7	2.4	5	P1.95/32S 1000nit
					G	95	70	130	510	535	2.4	3.4	3	
					B	12	8	18	455	480	2.4	3.4	2	
	2195-S1	JT-KF2195SURZGQBM-BB-S1	Common Anode	Full Black	R	25	17	35	620	625	1.7	2.4	5	P1.95/32S 1000nit
					G	89	65	115	510	535	2.4	3.4	3	
					B	11	7	20	455	480	2.4	3.4	2	
	2260-S1	JT-KF2260QBZGSURM-BB-S1	Common Anode	Full Black	R	29	18	38	620	625	1.7	2.4	5	P2.6/32S 1000nit
					G	100	70	135	510	535	2.4	3.4	3	
					B	13	9	22	455	480	2.4	3.4	2	

Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)			
							MIN	MAX	MIN	MAX	MIN	MAX		
A Series														
	1415-A1	JT-KF1415QBZGSURM-BB-A1	Common Anode	Full Black	R	29	18	36	620	625	1.8	2.4	5	P2.6/32S 1000nit
					G	104	70	140	510	535	2.4	3.1	3	
					B	13	9	22	458	475	2.4	3.1	2	
	2020-A1	JT-KF0707QBZGSURM-BB-A1	Common Anode	Full Black	R	68	44	95	620	625	1.7	2.4	10	P3/32S 1000nit
					G	160	115	215	510	535	2.4	3.4	5	
					B	30	20	50	458	475	2.4	3.4	5	
	2020-A2	JT-KF0707QBZGSURM-BB-A2	Common Anode	Full Black	R	145	95	190	620	625	1.7	2.4	10	P3/32S 1200nit
					G	170	125	230	510	535	2.4	3.4	5	
					B	30	23	50	458	475	2.4	3.4	5	
	2020-A3	JT-KF0707QBZGSURM-BB-A3	Common Anode	Full Black	R	145	105	210	620	625	1.7	2.4	10	P3.9/16S 1800nit
					G	190	150	260	510	535	2.4	3.4	5	
					B	25	20	45	458	475	2.4	3.4	5	
	1415-P3	JT-KF1415QBZGSURM-BB-P3	Common Anode	Full Black	R	17	10	25	620	625	1.7	2.4	5	P2.6/32S 500nit
					G	60	40	100	530	540	2.4	3.4	3	
					B	10	7	20	458	465	2.4	3.4	5	
	2020-P3	JT-KF0707QBZGSURM-BB-P3	Common Anode	Full Black	R	64	45	100	620	625	1.7	2.4	10	P3.9/32S 500nit
					G	180	140	300	530	540	2.4	3.4	5	
					B	28	20	45	458	465	2.4	3.4	5	
	1515-BB-A1-1C2	JT-EKF1515IC2SURZGQBB-B-A1	/	Full Black	R	20	10	30	615	630	/	/	3.63	P2.5/statical 2000nit
					G	70	40	100	520	535	/	/	3.63	
					B	10	5	15	460	475	/	/	3.63	
	2222-BB-A1-1C2	JT-KF2222IC2SURZGQBW-BB-A1	/	Full Black	R	54	40	80	615	630	/	/	3.63	P3.91/statical 3500nit
					G	216	150	282	520	535	/	/	3.63	
					B	42	28	44	460	475	/	/	3.63	
	2222-A1-1C2	JT-KF2222IC2SURZGQBW-A1	/	White	R	129	96	165	615	630	/	/	3.63	P3.91/statical 7000nit
					G	483	378	600	520	535	/	/	3.63	
					B	86	68	107	460	475	/	/	3.63	



04

Outdoor



Features



Ultra High Definition

Small size LEDs for outdoor 8K ultra high definition displays



Energy Efficient

Utilize large LED chips to acquire the same brightness at lower voltage for saving energy; provides customized common anode/cathode design to further improve energy efficiency



High Brightness

Large LED chips to ensure 10,000 nits screen brightness



High Contrast

Versatile options for high definition and high contrast requirement to ensure highly improved image quality



High Protection

Imported package glue to improve air tightness for outdoor weather resistance

Product List & Parameters

Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)			
							MIN	MAX	MIN	MAX	MIN	MAX		
S Series														
	1112-CS1	JT-KF1112SURZGQBM-CB-CS1	Common Anode	5 Side Black	R	340	210	420	620	625	1.7	2.4	12	P1.9/43S 5000nit
					G	570	300	650	510	535	2.3	3.2	8	
					B	85	60	100	458	475	2.3	3.2	5	
	1112N-CS1	JT-KF1112NBZGSURM-CB-CS1	Common Cathode	5 Side Black	R	340	210	420	620	625	1.7	2.4	12	P1.9/43S 5000nit
					G	590	300	650	510	535	2.3	3.2	8	
					B	90	60	100	458	475	2.3	3.2	5	
	1112-BB-CS1	JT-KF1112SURZGQBM-BB-CS1	Common Anode	Full Black	R	170	80	300	620	625	1.7	2.4	12	P1.9/43S 2500nit
					G	300	120	400	510	535	2.3	3.2	8	
					B	40	20	50	458	475	2.3	3.2	5	
	1515-S1	JT-KF1515QBZGSURW-CB-S1	Common Anode	5 Side Black	R	420	250	600	620	625	1.7	2.4	15	P2.9/21S 5000mit
					G	710	450	920	510	535	2.4	3.1	8	
					B	85	50	120	458	475	2.4	3.1	5	
	1515-CS1	JT-KF1515SURZGQBM-CB-CS1	Common Anode	5 Side Black	R	450	300	600	620	625	1.7	2.4	15	P2.9/21S 5500mit
					G	720	450	900	510	535	2.4	3.1	8	
					B	95	60	160	458	475	2.4	3.1	5	
	1515-CS2	JT-KF1515SURZGQBM-CB-CS2	Common Anode	5 Side Black	R	520	400	700	620	625	1.7	2.4	15	P2.9/21S 6000mit
					G	770	650	1100	510	535	2.4	3.1	8	
					B	120	90	150	458	475	2.4	3.1	5	
	1515N-CS1	JT-KF1515NBZGSURM-CB-CS1	Common Cathode	5 Side Black	R	450	300	600	620	625	1.7	2.4	15	P2.9/21S 5500mit
					G	745	600	900	510	535	2.4	3.1	8	
					B	90	60	130	458	475	2.4	3.1	5	
	1515-GB-CS1	JT-KF1515SURZGQBM-GB-CS1	Common Anode	Black	R	270	200	400	620	625	1.7	2.4	15	P2.9/21S 3500mit
					G	500	320	650	510	535	2.4	3.1	8	
					B	50	40	80	458	475	2.4	3.1	5	
	1515-GB-CS2	JT-KF1515SURZGQBM-GB-CS2	Common Anode	Black	R	360	250	500	620	625	1.7	2.4	15	P2.9/21S 4000mit
					G	540	400	720	510	535	2.4	3.1	8	
					B	70	50	100	458	475	2.4	3.1	5	

Image	Product ID	Model No.	Polarity	Appearance	Reference Range									Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)				
							MIN	MAX	MIN	MAX	MIN	MAX			
S Series															
	1515-BB-CS1	JT-KF1515SURZGQBM-BB-CS1	Common Anode	Full Black	R	230	150	350	620	625	1.7	2.4	15	P2.9/21S 3000nit	
					G	400	260	520	510	535	2.4	3.1	8		
					B	43	30	60	458	475	2.4	3.1	5		
	1515-BB-CS2	JT-KF1515SURZGQBM-BB-CS2	Common Anode	Full Black	R	300	250	500	620	625	1.7	2.4	15	P2.9/21S 3500nit	
					G	410	300	600	510	535	2.4	3.1	8		
					B	50	35	90	458	475	2.4	3.1	5		
	1820-S1	JT-KF1820QBZGSURM-CB-S1	Common Anode	5 Side Black	R	460	300	600	620	625	1.7	2.4	15	P3.91/8S 4500nit	
					G	720	500	900	515	535	2.5	3.4	8		
					B	80	60	130	460	475	2.5	3.4	5		
	1820-CS1	JT-KF1820QBZGSURM-CB-CS1	Common Anode	5 Side Black	R	490	250	700	620	625	1.7	2.4	15	P3.91/8S 5000nit	
					G	780	480	1100	515	535	2.5	3.4	8		
					B	105	70	180	460	475	2.5	3.4	5		
	1820-CS2	JT-KF1820QBZGSURM-CB-CS2	Common Anode	5 Side Black	R	580	450	800	620	625	1.7	2.4	15	P3.91/8S 6000nit	
					G	870	650	1200	515	535	2.5	3.4	8		
					B	115	70	160	460	475	2.5	3.4	5		
	1820-CS3	JT-KF1820QBZGSURM-CB-CS3	Common Anode	5 Side Black	R	745	500	900	620	625	1.7	2.4	15	P3.91/8S 8000nit	
					G	1000	700	1400	515	535	2.5	3.4	8		
					B	120	75	180	460	475	2.5	3.4	5		
	1820N-CS1	JT-KF1820NZGSURQBM-CB-CS1	Common Cathode	5 Side Black	R	490	250	700	620	625	1.7	2.4	15	P3.91/8S 5000nit	
					G	820	480	1100	515	535	2.5	3.4	8		
					B	105	70	180	460	475	2.5	3.4	5		
	1820N-CS2	JT-KF1820NZGSURQBM-CB-CS2	Common Cathode	5 Side Black	R	580	450	800	620	625	1.7	2.4	15	P3.91/8S 6000nit	
					G	870	650	1200	515	535	2.5	3.4	8		
					B	115	70	160	460	475	2.5	3.4	5		
	1820N-CS3	JT-KF1820NZGSURQBM-CB-CS3	Common Cathode	5 Side Black	R	745	500	900	620	625	1.7	2.4	15	P3.91/8S 8000nit	
					G	1000	700	1400	515	535	2.5	3.4	8		
					B	120	75	180	460	475	2.5	3.4	5		
	1820-GB-CS1	JT-KF1820QBZGSURM-GB-CS1	Common Anode	Black	R	360	250	550	620	625	1.7	2.4	15	P3.91/16S 4000nit	
					G	500	350	650	510	535	2.2	3.2	8		
					B	55	40	80	458	475	2.5	3.4	5		
	1820-GB-CS2	JT-KF1820QBZGSURM-GB-CS2	Common Anode	Black	R	400	300	600	620	625	1.7	2.4	15	P3.91/16S 4500nit	
					G	580	400	700	510	535	2.2	3.2	8		
					B	58	42	85	458	475	2.5	3.4	5		
1820-GB-CS3	JT-KF1820QBZGSURM-GB-CS3	Common Anode	Black	R	460	350	650	620	625	1.7	2.4	15	P3.91/16S 6500nit		
				G	660	450	850	510	535	2.2	3.2	8			
				B	65	45	90	458	475	2.5	3.4	5			
	1820-BB-CS1	JT-KF1820QBZGSURM-BB-CS1	Common Anode	Full Black	R	320	200	400	620	625	1.7	2.4	15	P3.91/16S 3500nit	
					G	480	250	550	510	535	2.4	3.4	8		
					B	50	30	70	458	475	2.4	3.4	5		
	1820-BB-CS2	JT-KF1820QBZGSURM-BB-CS2	Common Anode	Full Black	R	420	300	500	620	625	1.7	2.4	15	P3.91/16S 4000nit	
					G	500	350	650	510	535	2.4	3.4	8		
					B	52	35	70	458	475	2.4	3.4	5		
1820-BB-CS3	JT-KF1820QBZGSURM-BB-CS3	Common Anode	Full Black	R	480	300	500	620	625	1.7	2.4	15	P3.91/16S 5500nit		
				G	600	400	700	510	535	2.4	3.4	8			
				B	55	35	75	458	475	2.4	3.4	5			
	2525-S1	JT-KF2525QBZGSURW-CB-S1	Common Anode	5 Side Black	R	550	400	700	620	625	1.7	2.4	20	P6.667/16S 5000nit	
					G	1000	700	1400	510	535	2.4	3.4	15		
					B	130	80	180	458	475	2.4	3.4	10		
	2727-S2	JT-KF2727SURZGQBM-CB-S2	6 Pins	5 Side Black	R	580	400	800	620	625	1.7	2.4	15	P6.667/16S 6000nit	
					G	930	550	1200	510	535	2.6	3.4	10		
					B	160	90	220	458	475	2.7	3.4	8		
	3535-S2	JT-KF3535QBZGSURM-CB-S2	6 Pins	5 Side Black	R	700	500	900	620	625	1.7	2.4	20	P10/2S 6500nit	
					G	1400	820	2000	515	535	2.6	3.6	20		
					B	260	210	400	460	475	2.6	3.6	20		

Product List & Parameters

Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)			
							MIN	MAX	MIN	MAX	MIN	MAX		
A Series														
	1112-A1	JT-KF1112SURZGQBM-CB-A1	Common Anode	5 Side Black	R	340	210	420	620	625	1.7	2.4	12	P1.9/43S 5000nit
					G	570	300	650	510	535	2.3	3.2	8	
					B	85	60	100	620	475	2.3	3.2	5	
	1112-BB-A1	JT-KF1112SURZGQBM-BB-A1	Common Anode	Full Black	R	170	80	300	620	625	1.7	2.4	12	P1.9/43S 2500nit
					G	300	120	400	510	535	2.3	3.2	8	
					B	40	20	50	458	475	2.3	3.2	5	
	1515-A1	JT-KF1515SURZGQBM-CB-A1	Common Anode	5 Side Black	R	245	180	400	620	625	1.7	2.4	8	P2.9/21S 5500mit
					G	540	350	750	510	535	2.4	3.1	5	
					B	65	45	100	458	475	2.4	3.1	3	
	1515-A2	JT-KF1515SURZGQBM-CB-A2	Common Anode	5 Side Black	R	330	220	450	620	625	1.7	2.4	8	P2.9/21S 6000mit
					G	555	400	800	510	535	2.4	3.1	5	
					B	75	50	120	458	475	2.4	3.1	3	
	1820-A1	JT-KF1820QBZGSURM-CB-A1	Common Anode	5 Side Black	R	500	350	700	620	625	1.7	2.4	15	P3.91/8S 5000nit
					G	840	600	1100	510	535	2.4	3.4	8	
					B	105	70	130	458	475	2.4	3.4	5	
	1820-A2	JT-KF1820QBZGSURM-CB-A2	Common Anode	5 Side Black	R	600	450	800	620	625	1.7	2.4	15	P3.91/8S 6000nit
					G	870	650	1200	510	535	2.4	3.4	8	
					B	115	75	160	458	475	2.4	3.4	5	
	1820-A3	JT-KF1820QBZGSURM-CB-A3	Common Anode	5 Side Black	R	740	500	900	620	625	1.7	2.4	15	P3.91/8S 8000nit
					G	1050	700	1400	510	535	2.4	3.4	8	
					B	130	80	180	458	475	2.4	3.4	5	
	1820N-A1	JT-KF1820NZGSURQBM-CB-A1	Common Cathode	5 Side Black	R	500	350	700	620	625	1.7	2.4	15	P3.91/8S 5000nit
					G	840	600	1100	510	535	2.4	3.4	8	
					B	105	70	130	458	475	2.4	3.4	5	
	1820N-A2	JT-KF1820NZGSURQBM-CB-A2	Common Cathode	5 Side Black	R	600	450	800	620	625	1.7	2.4	15	P3.91/8S 6000nit
					G	870	650	1200	510	535	2.4	3.4	8	
					B	115	75	160	458	475	2.4	3.4	5	
	1820N-A3	JT-KF1820NZGSURQBM-CB-A3	Common Cathode	5 Side Black	R	740	500	900	620	625	1.7	2.4	15	P3.91/8S 8000nit
					G	1050	700	1400	510	535	2.4	3.4	8	
					B	120	80	180	458	475	2.4	3.4	5	
	2727-A1	JT-KF2727QBZGSURM-CB-A1	6 Pins	5 Side Black	R	450	300	500	620	625	1.7	2.4	10	P6.667/6S 7500nit
					G	650	500	800	510	535	2.3	3.1	5	
					B	130	100	200	458	475	2.3	3.1	5	
	2727-A3	JT-KF2727SURZGQBM-CB-A3	6 Pins	5 Side Black	R	920	480	1000	620	625	1.7	2.4	15	P6.667/6S 10000nit
					G	1500	850	1800	510	535	2.3	3.1	10	
					B	220	130	260	458	475	2.3	3.1	8	
	2727-A4	JT-KF2727QBZGSURM-CB-A4	6 Pins	5 Side Black	R	600	400	700	620	625	1.7	2.4	10	P6.667/6S 11000nit
					G	800	550	950	510	535	2.3	3.1	5	
					B	140	100	200	458	475	2.3	3.1	5	
	2727-A4-T70	JT-KF2727SURZGQBM-CB-A4-T70	6 Pins	5 Side Black	R	1050	720	1440	620	625	1.7	2.4	15	P6.667/6S 15000nit
					G	2000	1200	2400	510	535	2.4	3.2	10	
					B	240	155	310	458	475	2.4	3.2	8	
	3535-A1	JT-KF3535SURZGQBM-CB-A1	6 Pins	5 Side Black	R	880	500	1000	620	625	1.7	2.4	20	P10/2S 8000nit
					G	1800	1000	2200	515	535	2.5	3.4	20	
					B	400	200	500	460	475	2.5	3.4	20	
	3535-A3	JT-KF3535SURZGQBM-CB-A3	6 Pins	5 Side Black	R	1050	600	1500	620	625	1.7	2.4	20	P10/2S 10000nit
					G	2050	1200	2500	515	535	2.5	3.4	20	
					B	450	250	500	460	475	2.5	3.4	20	
	3535-A4	JT-KF3535SURZGQBM-CB-A4	6 Pins	5 Side Black	R	1100	850	1350	620	625	1.7	2.4	20	P10/2S 12000nit
					G	2500	1900	3000	515	535	2.5	3.4	20	
					B	550	380	600	460	475	2.5	3.4	20	

Image	Product ID	Model No.	Polarity	Appearance	Reference Range								Current (mA)	Screen Brightness
					Color	Typical Brightness	Brightness(MCD)		Wavelength(NM)		Voltage(V)			
							MIN	MAX	MIN	MAX	MIN	MAX		
KS high-end Series														
	1820-KS3	JT-KF1820QBZGSURM-CB-KS3	Common Anode	5 Side Black	R	650	500	700	618	625	1.7	2.4	15	P3.91/8S 8000nit
					G	1000	650	1100	510	535	2.3	3.1	8	
					B	130	90	150	458	475	2.4	3.2	5	
	1820-KS3B	JT-KF1820QBZGSURM-BB-KS3	Common Anode	Full Black	R	400	280	450	620	625	1.7	2.4	15	P3.91/16S 4000-6000nit
					G	515	380	600	510	535	2.4	3.0	8	
					B	65	40	70	458	475	2.6	3.2	5	
	2727-KS4	JT-KF2727QBZGSURM-CB-KS4	6 Pins	5 Side Black	R	1300	900	1600	620	625	1.7	2.4	20	P6.667/6S 12000nit
					G	1950	1500	2250	510	535	2.4	3.3	15	
					B	310	200	400	458	475	2.5	3.4	10	
	TF2727-KS4	JT-TF2727QBZGSURM-CB-KS4	6 Pins	Black Surface	R	1050	800	1200	620	625	1.7	2.4	20	P6.667/6S 10000nit
					G	1800	1500	2250	510	535	2.4	3.3	15	
					B	280	200	400	458	475	2.5	3.4	10	
	3535-KS4	JT-KF3535QBZGSURM-CB-KS4	6 Pins	5 Side Black	R	1150	850	1350	620	625	1.7	2.4	20	P10/2S 12000nit
					G	2500	1900	3000	510	535	2.5	3.4	20	
					B	560	450	700	458	475	2.5	3.4	20	