

Kingbright

Optoelectronic Components



LED LIGHT BAR

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Bar Graph Array
Light Bar

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BAR GRAPH ARRAY

PART NUMBER	EMITTING COLOR + λ, D (nm) + MATERIAL	Iv (ucd) @10mA		DESCRIPTION	DIMENSION
		MIN.	TYP.		
DC-10SEKWA	Super Bright Orange ● 601 AlGaInP	44000	114000	10 Segments Bar graph-Display Gray Face White Segment	
DC-10SURKWA	Hyper Red ● 630 AlGaInP	8000	40000		
DC-10SYKWA	Super Bright Yellow ● 590 AlGaInP	26000	104000		
DC-10CGKWA	Green ● 570 AlGaInP	8000	30900		
DC-20/20SEKWA	Super Bright Orange ● 601 AlGaInP	44000	114000	20 Segments Bar graph-Display Gray Face White Segment	
DC-20/20SURKWA	Hyper Red ● 630 AlGaInP	8000	40000		
DC-20/20SYKWA	Super Bright Yellow ● 590 AlGaInP	26000	104000		
DC-20/20CGKWA	Green ● 570 AlGaInP	8000	30900		
DD-12SEKWB	Super Bright Orange ● 601 AlGaInP	44000	184300	12 Segments Bar graph-Display Black Face White Segment	
DD-12SURKWB	Hyper Red ● 630 AlGaInP	26000	84300		
DD-12SYKWB	Super Bright Yellow ● 590 AlGaInP	44000	128300		
DD-12CGKWB	Green ● 570 AlGaInP	18000	45000		

NOTES:
 1. All dimensions are in millimeters(inches).
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.

LIGHT BAR

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	Iv (mcd) @20mA		VIEWING ANGLE	DIMENSION
				MIN.	TYP.		
L-1043SEDTK	AlGaInP	601	orange diffused	50	180	100°	3.65mm x 6.15mm
L-1043SURDTK	AlGaInP	630	red diffused	70	350	100°	
L-1043SYDTK	AlGaInP	590	yellow diffused	18	55	100°	
L-1043CGDTK	AlGaInP	570	green diffused	7	20	100°	
L-835/2SEDTK	AlGaInP	601	orange diffused	80	300	120°	5mm x 10mm
L-835/2SURDTK	AlGaInP	630	red diffused	36	80	120°	
L-835/2SYDTK	AlGaInP	590	yellow diffused	10	25	120°	
L-835/2CGDTK	AlGaInP	570	green diffused	7	30	120°	

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	Iv (mcd) @20mA		DIMENSION
				MIN.	TYP.	
DE/2SEKD	AlGaInP	601	orange diffused	380	660	7.5mm x 14mm
DE/2SURKD	AlGaInP	630	red diffused	280	550	
DE/2SYKD	AlGaInP	590	yellow diffused	380	600	
DE/2CGKD	AlGaInP	570	green diffused	110	200	
DF-3SEKD	AlGaInP	601	orange diffused	480	800	6.8mm x 19.9mm
DF-3SURKD	AlGaInP	630	red diffused	160	500	
DF-3SYKD	AlGaInP	590	yellow diffused	360	935	
DF-3CGKD	AlGaInP	570	green diffused	70	235	
DE/4SEKD	AlGaInP	601	orange diffused	650	1550	15mm x 15mm
DE/4SURKD	AlGaInP	630	red diffused	380	730	
DE/4SYKD	AlGaInP	590	yellow diffused	480	955	
DE/4CGKD	AlGaInP	570	green diffused	110	230	

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LIGHT BAR

PART NUMBER	EMITTING COLOR + MATERIAL	λD (nm)	LENS TYPE	Iv (mcd) @20mA		DIMENSION
				MIN.	TYP.	
KB-2300SEKW	Super Bright Orange AlGaInP	601	white diffused	280	470	<p>8.89mm x 3.81mm Size of Light Emitting Areas</p> <p>KB-2300SEKW</p>
KB-A100SURKW	Hyper Red AlGaInP	630	white diffused	50	175	
KB-2400SYKW	Super Bright Yellow AlGaInP	590	white diffused	18	80	
KB-2500CGKD	Green AlGaInP	570	green diffused	18	60	
KB-2350SEKW	Super Bright Orange AlGaInP	601	white diffused	180	400	<p>19.05mm x 3.81mm Size of Light Emitting Areas</p> <p>KB-2350SEKW</p>
KB-B100SURKW	Hyper Red AlGaInP	630	white diffused	70	305	
KB-2450SYKW	Super Bright Yellow AlGaInP	590	white diffused	180	430	
KB-2550CGKD	Green AlGaInP	570	green diffused	50	185	
KB-2655SEKW	Super Bright Orange AlGaInP	601	white diffused	280	600	<p>8.89mm x 8.89mm Size of Light Emitting Areas</p> <p>KB-2655SEKW</p>
KB-C100SURKW	Hyper Red AlGaInP	630	white diffused	280	525	
KB-2755SYKW	Super Bright Yellow AlGaInP	590	white diffused	70	260	
KB-2855CGKD	Green AlGaInP	570	green diffused	110	270	
KB-2600SEKW	Super Bright Orange AlGaInP	601	white diffused	280	465	<p>8.89mm x 3.81mm Size of Light Emitting Areas</p> <p>KB-2600SEKW</p>
KB-D100SURKW	Hyper Red AlGaInP	630	white diffused	110	265	
KB-2700SYKW	Super Bright Yellow AlGaInP	590	white diffused	110	315	
KB-2800CGKD	Green AlGaInP	570	green diffused	36	80	

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PART NUMBER	EMITTING COLOR + MATERIAL	λ_D (nm)	LENS TYPE	Iv (mcd) @20mA		DIMENSION
				MIN.	TYP.	
KB-2620SEKW	Super Bright Orange AlGaInP	601	white diffused	180	425	<p>8.89mm x 3.81mm Size of Light Emitting Areas</p> <p>KB-2620SEKW</p>
KB-E100SURKW	Hyper Red AlGaInP	630	white diffused	70	210	
KB-2720SYKW	Super Bright Yellow AlGaInP	590	white diffused	110	375	
KB-2820CGKD	Green AlGaInP	570	green diffused	18	60	
KB-2635SEKW	Super Bright Orange AlGaInP	601	white diffused	180	355	<p>3.81mm x 19.05mm Size of Light Emitting Areas</p> <p>KB-2635SEKW</p>
KB-F100SURKW	Hyper Red AlGaInP	630	white diffused	110	205	
KB-2735SYKW	Super Bright Yellow AlGaInP	590	white diffused	110	280	
KB-2835CGKD	Green AlGaInP	570	green diffused	36	70	
KB-2670SEKW	Super Bright Orange AlGaInP	601	white diffused	280	415	<p>8.89mm x 8.89mm Size of Light Emitting Areas</p> <p>KB-2670SEKW</p>
KB-G100SURKW	Hyper Red AlGaInP	630	white diffused	110	205	
KB-2770SYKW	Super Bright Yellow AlGaInP	590	white diffused	110	315	
KB-2870CGKD	Green AlGaInP	570	green diffused	36	75	
KB-2685SEKW	Super Bright Orange AlGaInP	601	white diffused	280	450	<p>8.89mm x 19.05mm Size of Light Emitting Areas</p> <p>KB-2685SEKW</p>
KB-H100SURKW	Hyper Red AlGaInP	630	white diffused	70	315	
KB-2785SYKW	Super Bright Yellow AlGaInP	590	white diffused	180	410	
KB-2885CGKD	Green AlGaInP	570	green diffused	70	205	

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