



booyii

BOOYII

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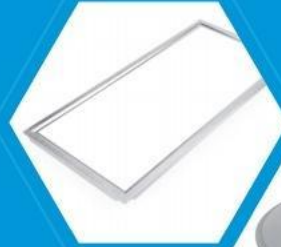
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**PROFESSIONAL
LEADER**



BOOYII ELECTRONICS

BOOYII

COMPANY PROFILE

Ningbo booyii Electronics is a high-tech enterprise engaged in developing,manufacturing and selling a full range of AUDIO items,LED items including led component,ied display,ied bulbs,tubes,panel lights,floodlights,and high-bay lights. These years,we have always spent morepower to the lighting industry,pushing out more types which could be replacements for most normal traditional lights.

Supported by 150 Staff and over 15 Senior Engineers

With a total area of 13,000sqm and a building area of 9,000sqm,we have 200 employees and more than 15 high-level senior engineers and technicians who are the main power of the production,development and improvement.

Meeting CE,FCC,GS and RoHS Standards

Supplying to world-class customers regularly,we paymore attention to the product quality and always give a two-year guarantee to all the customers.To strictly control cost and quality,we have got ISO 9001 and ISO 14001 certificates,and CE, FCC,GSand RoHS approvals for our products.

Place Your OEM Order Today



Electrical-Optical Characteristics(Ta=25°C)

PARAMETER	SYMBOL	DEVICES	CODE	TYP	MAX	UNIT	TEST CONDITIONS
Forward Voltage	V _f	RED	H	2.25	2.60	V	I _f =20mA
		HI-RED	S	1.85	2.20		
		SUPER-RED	D	1.85	2.20		
		ORANGE	E	2.10	2.50		
		GREEN	G	2.20	2.50		
		YELLOW	Y	2.10	2.50		
Peak Emission Wavelength	λ _p	RED	H	700		nm	I _f =20mA
		HI-RED	S	660			
		SUPER-RED	D	660			
		ORANGE	E	632			
		GREEN	G	568			
		YELLOW	Y	585			
Spectral Line Half-Width	Δλ	RED	H	90		nm	I _f =20mA
		HI-RED	S	20			
		SUPER-RED	D	20			
		ORANGE	E	35			
		GREEN	G	30			
		YELLOW	Y	35			
Reverse Current	I _s	RED	H		20	μA	V _a =5V
		HI-RED	S				
		SUPER-RED	D				
		ORANGE	E				
		GREEN	G				
		YELLOW	Y				
Average Luminous Intensity(chip I _v)	I _v	RED	H	0.5		mcd	I _f =20mA
		HI-RED	S	12.0			
		SUPER-RED	D	28.0			
		ORANGE	E	12.0			
		GREEN	G	11.0			
		YELLOW	Y	7.0			
Segment-to-Segment Luminous Intensity Ratio	I _y -M	ALL MODELS				1.5:1	I _f =20mA

Absolute Maximum Rating(Ta=25)

PARAMETER	H	S	D	E	G	Y	UR	UHR	UE	YO	UY	UG	UB	PG	UNIT
Reverse voltage V _R	5	5	5	5	5	5	5	5	5	5	5	5	5	5	V
Forward current I _F	15	25	25	30	30	30	30	30	30	30	30	30	30	30	mA
Peak forward current I _p	50	100	100	100	100	100	100	100	100	100	100	100	100	100	mA
Power dissipation P _O	40	60	60	80	80	80	60	65	65	65	65	70	110	110	mW
Operating temperature T _{ope}	-40~+80														°C
Storage temperature T _{srs}	-40~+85														°C
Lead soldering temperature	1.60mm from body-maximum 3 second for 260 ± 5°C														

Remark:Duty cycle:1:10,Pulse width:0.1ms

LED NUMERIC DISPLAY

BY D - 180 1 1 A EG - 1 1 - XXX
 1 2 3 4 5 6 7 8 9 10

- 1.Brand:NingBo booyii
- 2.Digit Mode: D-Display
- 3.Digit Character Height:180-1.80"May be two symbols (If first Xis 0,neglected)
- 4.Digit Number:1-Single digit 2-Dual digit 3-Three digit 4-Four digit
- 5.Model Number:
- 6.Drive Mode: A.C.E.....-Common Cathode B.D.F.....-Common Anode Z-Universal
- 7.Color Code:

EMITTING COLOR	MATERIAL	EMITTING COLOR	MATERIAL
H:Red	GaP/GaP 700nm	UG:High Bright Green	AlGalnP 574nm
S:High Bright Red	GaAlAs/GaAs SH 660nm	PG:Super Pure Green	AlGalnP 525nm
D:Super Bright Red	GaAlAs/GaAs DH 660nm	BG:Super Bluish Green	AlGalnP 505nm
UR:Ultra Bright Red	GaAlAs/GaAlAs DDH 660nm	B:Blue	GaN/SiC 430nm
UHR:Ultra Bright Red	AlGalnP 640nm	UB:Super Bright Blue	InGaN/SiC 470nm
F:Orange	GaAsP/GaP 635nm	V:UV	InGaN/SiC 405nm
UE:High Bright Orange	AlGalnP 635nm	W:White	
Y:Yellow	GaAsP/GaP 585nm	EG:Orange+Green Bi-Color	
UY:High Bright Yellow	AlGalnP 590nm	SG:High Red+Green Bi-Color	
G:Green	GaP/GaP 568nm	RGB:Multicolor	

- 8.Reflector Surface Color:O-White Surface 1-Black Surface 2-Gray Surface 3-Red Surface
- 9.Segment Epoxy Color:0-Water Clear 1-White Diffused 2-Red Diffused 3-Green Diffused 4-Yellow Diffused
- 10.Special Device:-Lxx:Pin Length -B:Both Side Decimal Point -N:No Decimal Point

LED DOT MATRIX

BY M-23881A EG-11- XXX

- 1.Brand:Ningbo booyii
- 2.Digit Mode: M-Dot Matrix ML-Lamp Dot Matrix
- 3.Mode Number:
- 4.Column Number:
- 5.Row Number:
- 6.Model Number:
- 7.Drive Mode: A.C.E.....-Row Cathode Column Anode B.D.F.....-Row Anode Column Cathode
- 8.Color Code:See Part 1.7
- 9.Reflector Surface Color:See Part 1.8
- 10.Segment Epoxy Color:See Part 1.9
- 11.Special Device:See Part 1.10

LED LIGHT BAR

BY-A-R-102510 Z S-11-XXX

- 1.Brand:Ningbo booyii
 - 2.Digit Mode: A-Light Bar
 - 3.Display Area Shape:R-Rectangular S-Square C-Circle T-Other
 - 4.Display Area Number:
 - 5.Reflector Length:
 - 6.Reflector Width:
 - 7.Drive Mode:See Part 1.6
 - 8.Color Code:See Part 1.7
 - 9.Reflector Surface Color:See Part 1.8
 - 10.Segment Epoxy Color:See Part 1.9
 - 11.Special Device:See Part 1.10
-

LED OUTDOOR LAMP CLUSTER

BY CL - S 11x16 A R1G2B1 - XXX

1 2 3 4 5 6 7

- 1.Brand:Ningbo booyii
 - 2.Digit Mode: CL-Lamp Cluster
 - 3.Shape:R-Round S-Square
 - 4.Display Unit Dimension and Quantity:
 - 5.Model Number: A.B.C.....
 - 6.Color Code:See Part 1.7
 - 7.Special Device:
-








LED LAMP

BY L- 801 S B G F F 26 D



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- 1.Brand:Ningbo booyii
- 2.Digit Mode:L-Lamp
- 3.Package sharp:(enclose data)
- 4.LED brightness:S:super bright N:normal bright
- 5.Led Length:B:short 16.00mm T:longer 25.4 mm
- 6.Emitter color:R:red Y:yellow G:green W:white
B:blue EG:orange &green
- 7.Led lumin
- 8.Led voltage:A: B: C: D:
E: F: G: H:
- 9.Led view angle:
- 10.Lens color:D:color diffused T:color transparent C:water clear W:white diffused
CD:color Top diffused WD:white top diffused E:orange diffused








LED DISPLAY

PART NO	Picture	L*W(mm)	MATERIA L	EMITTED COLOR	λ D(nm)	FACE COLOR	VF(V)at IF=20mA		IV(ucd)at IF=10mA		C.C or C.A.
							Typ.	Max	Min	Typ.	
BYD-3011AH		19.00*10.06	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-3011AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3011AG			Gap	Green	570		2.3	2.6	1000	2500	
BYD-3011AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3012BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A.
BYD-3012BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3012BG			Gap	Green	570		2.3	2.6	1000	2500	
BYD-3012BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2811AH		19.00*10.06	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-2811AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2811AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2811AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2812BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-2812BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2812BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2812BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3911AH		13.00*10.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-3911AC			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3911AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3911AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3912BH			GaAlAs	Super Red	640		1.8	2.0	1200	3500	C.A
BYD-3912BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3912BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3912BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5611AH		19.00*12.50	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-5611AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5611AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5611AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5612BH			GaAlAs	Super Red	640		1.8	2.0	1200	3500	C.A
BYD-5612BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5612BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5612BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4011AH		18.70*9.80	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-4011AD			GaAlAs	Super Reg	640		1.8	2.0	4000	6000	
BYD-4011AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4011AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4012BH			GaAlAs	Super Red	640		1.8	2.0	1200	3500	C.A
BYD-4012BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4012BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4012BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5011AH		19.00*12.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-5011AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5011AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5011AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5012BH			GaAlAs	Super Reg	640		1.8	2.0	1200	3500	C.A
BYD-5012BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5012BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5012BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-6011AH		25.00*18.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-6011AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-6011AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-6011AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-6012BH			GaAlAs	Super Red	640		1.8	2.0	1200	3500	C.A
BYD-6012BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-6012BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-6012BY			GaAsP	Yellow	585		2.1	2.5	800	2000	








LED DISPLAY

PART NO.	Picture	L*W(mm)	MATERIAL	EMITTED COLOR	λ D(nm)	FACE COLOR	VF(V)at IF=20mA		IV(μcd)at IF=10mA		C.C or C.A.
							Typ.	Max	Min	Typ.	
BYD-8011AH		27.70*20.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-8011AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-8011AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-8011AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-8012BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-8012BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-8012BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-8012BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-10011AH		33.00*22.40	GaAlAs	High Red	640	Black	3.6	4.0	2400	7000	C.C
BYD-10011AD			GaAlAs	Super Red	640		3.6	4.0	8000	12000	
BYD-10011AG			GaP	Green	570		4.6		2000	5000	
BYD-10011AY			GaAsP	Yellow	585		4.2	5.0	1600	4000	
BYD-10012BH			GaAlAs	High Red	640		3.6	4.0	2400	7000	C.A
BYD-10012BD			GaAlAs	Super Red	640		3.6	4.0	8000	12000	
BYD-10012BG			GaP	Green	570		4.6	5.2	2000	5000	
BYD-10012BY			GaAsP	Yellow	585		4.2	5.0	1600	4000	
BYD-12011AH		40.80*28.80	GaAlAs	High Red	640	Black	3.6	4.0	2400	7000	C.C
BYD-12011AD			GaAlAs	Super Red	640		3.6	4.0	8000	12000	
BYD-12011AG			GaP	Green	570		4.6	5.2	2000	5000	
BYD-12011AY			GaAsP	Yellow	585		4.2	5.0	1600	4000	
BYD-12012BH			GaAlAs	High Red	640		3.6	4.0	2400	7000	C.A
BYD-12012BD			GaAlAs	Super Red	640		3.6	4.0	8000	12000	
BYD-12012BG			GaP	Green	570		4.6	5.2	2000	5000	
BYD-12012BY			GaAsP	Yellow	585		4.2	5.0	1600	1600	
BYD-15011RH		44.00*30.60	GaAlAs	High Red	640	Black	3.6	4.0	2400	7000	C.C
BYD-15011AD			GaAlAs	Super Red	640		3.6	4.0	8000	12000	
BYD-15011AG			GaP	Green	570		4.6	5.2	2000	5000	
BYD-15011AY			GaAsP	Yellow	585		4.2	5.0	1600	4000	
BYD-15012BH			GaAlAs	High Red	640		3.6	4.0	2400	7000	C.A
BYD-15012BD			GaAlAs	Super Red	640		3.6	4.0	8000	12000	
BYD-15012BG			GaP	Green	570		4.6	5.2	2000	5000	
BYD-15012BY			GaAsP	Yellow	585		4.2	5.0	1600	4000	
BYD-18011AH		56.00*38.00	GaAlAs	High Red	640	Black	5.4	6.0	3600	10500	C.C
BYD-18011AD			GaAlAs	Super Red	640		5.4	6.0	12000	18000	
BYD-18011AG			GaP	Green	570		6.9	7.8	3000	7500	
BYD-18011AY			GaAsP	Yellow	585		6.4	7.5	2400	6000	
BYD-18012BH			GaAlAs	High Red	640		5.4	6.0	3600	10500	C.A
BYD-18012BD			GaAlAs	Super Red	640		5.4	6.0	12000	18000	
BYD-18012BG			GaP	Green	570		6.9	7.8	3000	7500	
BYD-18012BY			GaAsP	Yellow	585		6.4	7.5	2400	6000	
BYD-23011AH		69.70*47.80	GaAlAs	High Red	640	Black	7.2	8.0	4800	14000	C.C
BYD-23011AD			GaAlAs	Super Red	640		7.2	8.0	16000	24000	
BYD-23011AG			GaP	Green	570		9.2	10.4	4000	10000	
BYD-23011AY			GaAsP	Yellow	585		8.4	10.0	3200	8000	
BYD-23012BH			GaAlAs	High Red	640		7.2	8.0	4800	14000	C.A
BYD-23012BD			GaAlAs	Super Red	640		7.2	8.0	16000	24000	
BYD-23012BG			GaP	Green	570		9.2	10.4	4000	10000	
BYD-23012BY			GaAsP	Yellow	585		8.4	10.0	3200	8000	
BYD-30011AH		110.00*70.00	GaAlAs	High Red	640	Black	10.8	12.0	7200	21000	C.C
BYD-30011AD			GaAlAs	Super Red	640		10.8	12.0	24000	36000	
BYD-30011AG			GaP	Green	570		13.8	15.6	6000	15000	
BYD-30011AY			GaAsP	Yellow	585		12.6	15.0	4800	1200	
BYD-30012BH			GaAlAs	High Red	640		10.8	12.0	7200	21000	C.A
BYD-30012BD			GaAlAs	Super Red	640		10.8	12.0	24000	36000	
BYD-30012BG			GaP	Green	570		13.8	15.6	6000	15000	
BYD-30012BY			GaAsP	Yellow	585		12.6	15.0	4800	12000	

LED DISPLAY

PART NO	Picture	L*W(mm)	MATERIA L	EMITTED COLOR	λ D(nm)	FACE COLOR	VF(V)at IF=20mA		IV(ucd)at IF=10mA		C.Co C.A.
							Typ.	Max	Min	Typ.	
BYD-3021AH		15.0*15.5	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-3021AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3021AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3021AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3022BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-3022BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3022BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3022BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3621AH		14.00*15.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-3621AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3621AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3621AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3622BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-3622BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3622BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3622BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4021AH		16.00*20.10	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-4021AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4021AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4021AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4022BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-4022BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4022BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4022BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5021AH		19.00*25.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-5021AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5021AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5021AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5022BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-5022BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5022BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5022BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5621AH		19.00*25.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-5621AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5621AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5621AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5622BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-5622BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5622BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5622BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-8021AH		25.80*35.80	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-8021AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-8021AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-8021AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-8022BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-8022BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-8022BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-8022BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2831AH		24.00*7.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-2831AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2831AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2831AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2832BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-2832BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2832BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2832BY			GaAsP	Yellow	585		2.1	2.5	800	2000	












LED DISPLAY

PART NO.	Picture	L*W(mm)	MATERIAL	EMITTED COLOR	λ D(nm)	FACE COLOR	VF(V)at IF=20mA		IV(ucd)at IF=10mA		C.C o C.A.
							Typ.	Max	Min	Typ.	
BYD-3631AH		22.50*14.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-3631AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3631AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3631AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-3632BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-3632BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-3632BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-3632BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4031AH		30.10*16.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-4031AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4031AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4031AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4032BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-4032BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4032BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4032BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5631AH		37.50*19.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-5631AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5631AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5631AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5632BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-5632BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5632BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5632BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-8031AH		59.10*27.50	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-8031AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-8031AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-8031AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-8032BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-8032BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-8032BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-8032BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2541AH		36.00*11.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-2541AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2541AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2541AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2542BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-2542BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2542BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2542BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2841AH		32.20*10.10	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-2841AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2841AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2841AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-2842BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-2842BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-2842BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-2842BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4041AH		40.60*16.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-4041AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4041AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4041AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-4042BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-4042BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-4042BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-4042BY			GaAsP	Yellow	585		2.1	2.5	800	2000	












LED DISPLAY

PART NO	Picture	L*W(mm)	MATERIA L	EMITTED COLOR	λ D(nm)	FACE COLOR	VF(V)at IF=20mA		IV(ucd)at IF=10mA		C.Co C.A.
							Typ.	Max	Min	Typ.	
BYD-5641AH		50.30*19.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYD-5641AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5641AG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5641AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYD-5642BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYD-5642BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYD-5642BG			GaP	Green	570		2.3	2.6	1000	2500	
BYD-5642BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-7571AH		17.80*12.70	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYM-7571AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-7571AG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-7571AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-7572BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYM-7572BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-7572BG			GaP	Greer	570		2.3	2.6	1000	2500	
BYM-7572BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-7881AH		20.20*20.20	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYM-7881AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-7881AG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-7881AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-7882BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYM-7882BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-7882BG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-7882BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-15571AH		39.10*22.80	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYM-15571AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-15571AG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-15571AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-15572BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYM-15572BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-15572BG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-15572BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-15581AH		37.40*23.40	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	C.C
BYM-15581AD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-15581AG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-15581AY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-15582BH			GaAlAs	High Red	640		1.8	2.0	1200	3500	C.A
BYM-15582BD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYM-15582BG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-15582BY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYM-30881ASG		60.20*60.20	GaAlAs	High Red	640	Black	1.8	2.0	4000	6000	C.C
BYM-30881AEG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-30881AEG			GaAsP	Orange	628		2.0		1000	2500	
BYM-30882ASG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-30882ASG			GaAlAs	High Red	640		1.8	2.0	4000	6000	C.A
BYM-30882AEG			GaP	Green	570		2.3	2.6	1000	2500	
BYM-30882AEG			GaAsP	Orange	628		2.0	2.5	1000	2500	
BYM-30882AEG			GaP	Green	570		2.3	2.6	1000	2500	
BYA-R102510ZAH		25.40*10.10	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	
BYA-R102510ZAD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
RYA-R102510ZAG			GaP	Green	570		2.3	2.6	1000	2500	
BYA-R102510ZAY			GaAsP	Yellow	585		2.1	2.5	800	2000	
BYA-R0813ZAH		13.00*8.00	GaAlAs	High Red	640	Black	1.8	2.0	1200	3500	
BYA-R0813ZAD			GaAlAs	Super Red	640		1.8	2.0	4000	6000	
BYA-R0813ZAG			GaP	Green	570		2.3	2.6	1000	2500	
BYA-R0813ZAY			GaAsP	Yellow	585		2.1	2.5	800	2000	












CHIP LED

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D/CCT_ TYP	IV_MIN (mcd)	IV_TYP (mcd)	VF_ TYP(V)	VF_ MAX(V)	VIEW ANDLE_ TYP	DESCRIPTION
BY- CLA0603BC		1.6*0.8*0.8	Blue	470	52	100	3.20	3.60	120	Features Emitting Color:Blue Device Outline:1.6*0.8*0.8 Lens type:Water Clear RoHS compliant
BY-CLA0603GC		1.6*0.8*0.8	Green	525	200	330	3.20	3.60	120	Features: Emitting Color:Green Device Outline:1.6*0.8*0.8 Lens type:Water Clear RoHS compliant
BY-CLA0603YC		1.6*0.8*0.8	Yellow	589	72	150	2.00	2.60	120	Features Emitting Color:Yellow Device Outline:1.6*0.8*0.8 Lens type:Water Clear RoHS compliant
BY- CLA0603W ₁ D		1.6*0.8*0.8	White	0.32/0.33	200	350	3.20	3.60	120	Features Emitting Color:White Device Outline:1.6*0.8*0.8 Lens type:Water Clear RoHS compliant
BY-CL0805GC		2.0*1.25*1.1	Green	525	200	330	3.20	3.60	120	Features: Emitting Color:Green Device Outline:2.0*1.25*1.1 Lens type:Water Clear RoHS compliant
BY-CL0805RC		2.0*1.25*1.1	Red	624	72	150	2.00	2.60	120	Features Emitting Color:Red Device Outline:2.0*1.25*1.1 Lens type:Water Clear RoHS compliant
BY-CL0805W ₁ D		2.0*1.25*1.1	White	0.32/0.33	200	300	3.20	3.60	120	Features Emitting Color:White Device Outline:2.0*1.25*1.1 Lens type:Water Clear RoHS compliant
BY-CL1206BC		3.2*1.6*1.1	Blue	470	52	100	3.20	3.60	120	Features Emitting Color:Blue Device Outline:3.2*1.6*1.1 Lens type:Water Clear RoHS compliant
BY-CL1206GC		3.2*1.6*1.1	Green	525	200	330	3.20	3.60	120	Features: Emitting Color:Green Device Outline:3.2*1.6*1.1 Lens type:Water Clear RoHS compliant
BY-CL1206YC		3.2*1.6*1.1	Yellow	589	72	150	2.00	2.60	120	Features: Emitting Color:Yellow Device Outline:3.2*1.6*1.1 Lens type:Water Clear RoHS compliant
BY-CL1206W ₁ D		3.2*1.6*1.1	White	0.32/0.33	200	300	3.20	3.60	120	Features Emitting Color:White Device Outline:3.2*1.6*1.1 Lens type:Water Clear RoHS compliant









TOP LED

PART NO.	SPEC	L*W*H (mm)	LENS COLOR	λ D/CCT_TYP	IV_MIN (mcd)	IV_TYP (mcd)	VF_TYP(V)	VF_MAX(V)	VIEW ANDLE_TYP	DESCRIPTION
BY-TL3020W ₁		3.0*2.0*1.3	White	0.33/0.33	1100	2000	3.20	3.60	120	Features Emitting Color:White Device Outline:3.0*2.0*1.3 Lens type:Yellow Diffused RoHS compliant
BY-TL3020BC		3.0*2.0*1.3	Blue	470	145	260	3.20	3.60	120	Features Emitting Color:Blue Device Outline:3.0*2.0*1.3 Lens type:Yellow Diffused RoHS compliant
BY-TL3020GC		3.0*2.0*1.1	Green	525	550	1000	3.20	3.60	120	Features Emitting Color:Green Device Outline:3.0*2.0*1.3 Lens type:Yellow Diffused RoHS compliant
BY-TL3020YC		3.0*2.0*1.3	Yellow	589	145	500	2.00	2.60	120	Features Emitting Color:Yellow Device Outline:3.0*2.0*1.3 Lens type:Yellow Diffused RoHS compliant
BY-TL3020RC		3.0*2.0*1.3	Red	624	145	500	2.00	2.60	120	Features Emitting Color:Red Device Outline:3.0*2.0*1.3 Lens type:Yellow Diffused RoHS compliant
BY-TL3528W,D		3.5*2.8*1.9	White	0.33/0.33	1100	2000	3.20	3.60	120	Features Emitting Color:White Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL3528BC		3.5*2.8*1.9	Blue	470	145	260	3.20	3.60	120	Features Emitting Color:Blue Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL3528GC		3.5*2.8*1.9	Green	525	550	1000	3.20	3.60	120	Features: Emitting Color:Green Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL3528YC		3.5*2.8*1.9	Yellow	589	145	500	2.00	2.60	120	Features Emitting Color:Yellow Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL3528RC		3.5*2.8*1.9	Red	624	145	500	2.00	2.60	120	Features: Emitting Color:Red Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL3528RGBC		3.5*2.8*1.9	Red	624	145	500	2.00	2.60	120	Features Emitting Color:Red Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant









TOP LED

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D/CCT TYP	IV_MIN (mcd)	IV_TYP (mcd)	VF_TYP(V)	VF_MAX(V)	VIEW ANGLE_TYP	DESCRIPTION
BY-TL3528RGBC		3.5*2.8*1.9	Green	525	550	1000	3.20	3.60	120	Features Emitting Color:Green Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL3528RGBC		3.5*2.8*1.9	Blue	470	145	260	3.20	3.60	120	Features Emitting Color:Blue Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL35283WW ₁ D		3.5*2.8*1.9	White	0.33/0.33	3000	5000	0.00	0.00	120	Features Emitting Color:White Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL35283WW ₂ D		3.5*2.8*1.9	White	0.43/0.41	3000	5000	0.00	0.00	120	Features: Emitting Color:White Device Outline:3.5*2.8*1.9 Lens type:Yellow Diffused RoHS compliant
BY-TL5050RGBC(R)		5.5*5.0*1.95	Red	624	145	500	2.00	2.60	120	Features Emitting Color:Red Device Outline:5.5*5.0*1.95 Lens type:Yellow Diffused RoHS compliant
BY-TL5050RGBC(G)		5.5*5.0*1.95	Green	525	550	1000	3.20	3.60	120	Features Emitting Color:Green Device Outline:5.5*5.0*1.95 Lens type:Yellow Diffused BoHS complian
BY-TL5050RGBC(B)		5.5*5.0*1.95	Blue	470	145	260	3.20	3.60	120	Features Emitting Color:Blue Device Outline:5.5*5.0*1.95 Lens type:Yellow Diffused RoHS compliant
BY-TL50503WW ₁ D		5.5*5.0*1.95	White	0.33/0.33	3000	5000	0.00	0.00	120	Features: Emitting Color:White Device Outline:5.5*5.0*1.95 Lens type:Yellow Diffused RoHS compliant
BY-TL50503WW ₂ D		5.5*5.0*1.95	White	0.43/0.41	3000	5000	0.00	0.00	120	Features Emitting Color:White Device Outline:5.5*5.0*1.95 Lens type:Yellow Diffused RoHS compliant
BY-TL50506W ₁ D		5.5*5.0*1.3	White	0.33/0.33	401m	451m	3.30	3.50	120	Features Emitting Color:White Device Outline:5.5*5.0*1.3 Lens type:Yellow Diffused RoHS compliant
BY-TL50506W ₂ D		5.5*5.0*1.3	White	0.43/0.41	381m	421m	3.30	3.50	120	Features Emitting Color:White Device Outline:5.5*5.0*1.3 Lens type:Yellow Diffused RoHS compliant






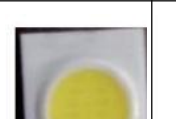

SUPER BRIGHT LEDS

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D/CCT_ TYP	IV_MIN (mcd)	IV_TYP (mcd)	VF_ TYP(V)	VF_ MAX(V)	VIEW ANGLE TYP	DESCRIPTION
BY-353SGYS26W		3.9*5.38	Water clear	525	4500	7000	3.20	3.60	26	Features: Emitting Color:Yellow Green Device Outline: ϕ 3mm Round type Lens type:Water Clear View Angle_Typ:26
BY-301SGXV45W		4.3*3.1	Water clear	525	3500	5000	3.50	3.90	45	Features: Emitting Color:Yellow Green Device Outline: ϕ 3mm Round type Lens type:Water Clea View Angle_Typ:45
BY-501SBGZAV10W		5.8*8.6	Water clear	515	9000	15000	3.20	3.60	10	Features: Emitting Color:Yellow Green Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:10
BY-501SBGZV15W		5.8*8.6	Water clear	515	7000	10000	3.20	3.60	15	Features: Emitting Color:Yellow Green Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:15
BY-501SBGYV26W		5.8*8.6	Water clear	515	5000	8000	3.20	3.60	26	Features: Emitting Color:Yellow Green Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:26
BY-501SBGYV30W		5.8*8.6	Water clear	515	5000	8000	3.20	3.60	30	Features: Emitting Color:Yellow Green Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:30
BY-501SBBVV15W		5.8*8.6	Water clear	470	2100	3000	3.20	3.60	15	Features: Emitting Color:Super Bright Blue Green Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:15
BY-501SBGZBV10W		5.8*8.6	Water clear	525	12000	20000	3.20	3.60	10	Features: Emitting Color:Yellow Green Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:10








SUPER BRIGHT LEDS

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D/CCT TYP	IV_MIN (mcd)	IV_TYP (mcd)	VF_ TYP(V)	VF_ MAX(V)	VIEW ANDLE TYP	DESCRIPTION
BY-532SBRZH7W		5.6*8.6	Water clear	624	7000	12000	2.00	2.40	7	Features: Emitting Color:Super Bright Red Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:7
BY-532SBYZK7W		5.6*8.6	Water clear	589	7000	12000	2.25	2.60	7	Features: Emitting Color:Yellow Device Outline: ϕ 5mm Round type Lens type:Water Clear View Angle_Typ:7
BY-801SBBYV20W		9.2*11	Water clear	470	3500	5800	3.20	3.60	20	Features: Emitting Color:Super Bright Blue Green Device Outline: ϕ 8mm Round type Lens type:Water Clear View Angle_Typ:20
BY-801SBGZAX20W		9.2*11	Water clear	525	9000	15000	3.40	3.80	20	Features: Emitting Color:Yellow Device Outline: ϕ 8mm Round type Lens type:Water Clear View Angle_Typ:20
BY-1001SBBYZ15W		10.8*13.6	Water clear	470	5000	8300	3.60	4.00	15	Features: Emitting Color:Super Bright Blue Green Device Outline: ϕ 10mm Round type Lens type:Water Clear View Angle_Typ:15
BY-1001SBGZV20W		10.8*13.6	Water clear	470	4500	7500	3.20	3.60	20	Features: Emitting Color:Super Bright Blue Green Device Outline: ϕ 10mm Round type Lens type:Water Clear View Angle_Typ:20
BY-1001SBGZBX10W		10.8*13.6	Water clear	525	12000	20000	3.40	3.80	10	Features: Emitting Color:Yellow Green Device Outline: ϕ 10mm Round type Lens type:Water Clear View Angle_Typ:45
BY-1001SBYYK26W		10.8*13.6	Water clear	589	3600	6000	2.25	2.60	26	Features: Emitting Color:Yellow Device Outline: ϕ 10mm Round type Lens type:Yellow Diffused View Angle_Typ:26










COB LEDs

PART NO.	SPEC	L*W*H (mm)	CCT(K)	POWER (W)	FLUX (lm)	IF(mA)	VF(V)	CRI	VIEW ANGLE_TYP	DESCRIPTION
BY-COB-C1208-3W		12.0*8.0	2700-6500	3	315-405	300	9	80	120 °	Use Ceramic substrate for substrate.The products have high brightness,long life,a variety of power,easy installation,general size, which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-C2420-15W		24.0*20.0	2700-6500	15	1100-1485	400	36	80	120 °	Use Ceramic substrate for substrate.The products have high brightness,long life,a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-C2420-18W		24.0*20.0	2700-6500	18	1800-2340	500	36	80	120 °	Use Ceramic substrate for substrate.The products have high brightness,long life,a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-C1512-15W		15.0*12.0	2700-6500	15	1575-2025	400	36	80	120 °	Use Ceramic substrate for substrate.The products have high brightness,long life,a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-C1512-13W		15.0*12.0	2700-6500	13	1365-1745	700	18	80	120 °	Use Ceramic substrate for substrate.The products have high brightness,long life,a variety of power,easy installation,general size, which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-C1215B-8W(9)		15.0*12.0	2700-6500	8	840-1080	800	9	80	120 °	Use Ceramic substrate for substrate.The products have high brightness,long life,a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A2217-11W		22.0*17.0	2700-6500	11	1155-1485	400	27	80	120 °	use mirror aluminum fo substrate.The products have high brightness,long life, a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.










COB LEDS

PART NO	SPEC	L*W*H (mm)	CCT(K)	POWER (W)	FLUX (lm)	IF(mA)	VF(V)	CRI	VIEW ANGLE_TYP	DESCRIPTION
BY-COB-A3025-15W		30.0*25.0	2700-6500	15	1575-2025	700	45	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life a variety of power,easy installation,general size, which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A3025-27W		30.0*25.0	2700-6500	27	2835-3645	900	81	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life a variety of power,easy installation,general size, which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A3025-36W		30.0*25.0	2700-6500	36	3780-4860	1000	108	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life, a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A2828-45W		28.0*28.0	2700-6500	45	4725-5850	1500	30	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life a variety of power,easy installation,general size, which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A2828-81W		28.0*28.0	2700-6500	81	8505-10530	1500	54	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life a variety of power,easy installation,general size, which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A1919-9W		19.9*19.9	2700-6500	9	945-1215	300	27	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life, a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.
BY-COB-A1313-11W		13.5*13.5	2700-6500	11	1100-1430	300	36	80	120 °	use mirror aluminum for substrate.The products have high brightness,long life a variety of power,easy installation,general size which are especially suitable for indoor and outdoor lighting products,etc.










INFRARED LED

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D(nm)	le_Min (mw/sr)	le_Typ (mw/sr)	VF_ TYP(V)	VF_ MAX(V)	VIEW ANGLE - TYP	DESCRIPTION
BY-IRF533AC-W		5.0*8.6	Water clear	940	20	30	1.50	1.65		Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear VF_TYP(V):1.5
BY-IR353AB30BT		3.9*5.38	Blue	850	50	80	1.50	1.80	30	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:30
BY-IR353AC40BT		3.9*5.38	Blue	940	20	30	1.50	1.65	40	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:40
BY-IR353AC30W		3.9*5.38	Water clear	940	30	40	1.50	1.65	30	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:30
BY-IR353AC45W		3.9*5.38	Water clear	940	20	30	1.50	1.65	45	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:45
BY-IR301AC45BT		3.1*4.3	Blue	940	20	30	1.35	1.50	45	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:45
BY-IR301AC45W		3.1*4.3	Water clear	940	20	30	1.35	1.50	45	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:45
BY-IR522AB-W		5.8*5.3	Water clear	850	15	20	1.50	1.80		Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear VF_TYP(V):1.5
BY-IR501AB10BT		5.8*8.6	Blue	850	80	100	1.50	1.80	10	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:10








INFRARED LED

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D(nm)	Ie_Min (mw/sr)	Ie_Typ (mw/sr)	VF_TYP(V)	VF_MAX(V)	VIEW ANDLE - TYP	DESCRIPTION
BY-IR501AB26BT		5.8*8.6	Blue	850	50	80	1.50	1.80	26	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:26
BY-IR501AB40BT		5.8*8.6	Blue	850	40	60	1.50	1.80	40	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:40
BY-IR501AB10W		5.8*8.6	Water clear	850	80	100	1.50	1.80	10	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:10
BY-IR1001AB30W		10.8*13.6	Water clear	850	90	120	1.50	1.80	30	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:30
BY-IR501AB30W		5.8*8.6	Water clear	850	50	80	1.50	1.80	30	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:30
BY-IR501AB30W		5.8*8.6	Water clear	850	140	180	1.50	1.80	20	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:26
BY-IR501AB26W		5.8*8.6	Water clear	850	70	95	1.50	1.80	26	Features: Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:26
BY-IR501AB40W		5.8*8.6	Water clear	850	32	45	1.50	1.80	40	Features Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:40
BY-IR501AC40BT		5.8*8.6	Water clear	940	25	35	1.50	1.65	40	Features: Emitting Color:Infared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:40

INFRARED LED

PART NO	SPEC	L*W*H (mm)	LENS COLOR	λ D(nm)	Ie_Min (mw/sr)	Ie_Typ (mw/sr)	VF_TYP(V)	VF_MAX(V)	VIEW ANDLE_TYP	DESCRIPTION
BY-IR501AC10W		5.8*8.6	Water clear	940	50	70	1.50	1.65	10	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:10
BY-IR501AC30W		5.8*8.6	Water clear	940	30	40	1.50	1.65	30	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:30
BY-IR501AC40BT		5.8*8.6	Water clear	940	25	35	1.25	1.40	40	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:40
BY-IR501AC30W-1		5.6*8.6	Water clear	940	25	35	1.25	1.40	30	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:30
BY-IR501AB15BT		5.6*8.6	Blue	850	70	90	1.50	1.80	15	Features: Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:15
BY-IR501AC15BT		5.6*8.6	Blue	940	40	60	1.50	1.65	15	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Blue View Angle_Typ:15
BY-IR801AB15W		9.2*11.0	Water clear	850	200	250	1.50	1.80	15	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:15
BY-IR801AB30W		9.2*11.0	Water clear	850	63	90	1.50	1.80	30	Features: Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:30
BY-IR1003AB7W		10.3*15.1	Water clear	850	250	350	1.50	1.80	7	Features Emitting Color:Infrared Emitting diodes Device Outline:Special Type Lens type:Water Clear View Angle_Typ:7

PHOTODIODE LED

PART NO.	SPEC	L*W*H (mm)	VOC (mV) Typ	ISC(uA)_ Min	ISC(uA)_ Typ	IL(uA)_ Min	IL(uA)_ Typ	VR tON(nS) Typ	VR tOFF(nS)	DESCRIPTION
BY- PD501XORNB		5.8*8.6	410	60	75	60	80.00	10.00	10	Features: VOC(mV)_Typ:410 ISC(uA)_Typ:75 IL(uA)_Typ:80 VRtON(nS)_Typ:10
BY- PD501YPSNB		5.8*8.6	390	70	95	70	100.00	45.00	45	Features: VOC(mV)_Typ:390 ISC(uA)_Typ:95 IL(uA)_Typ:100 VRtON(nS)_Typ:45
BY-PD501YPSW		5.8*8.6	390	70	95	70	100.00	45.00	45	Features VOC(mV)_Typ:390 ISC(uA)_Typ:95 IL(uA)_Typ:100 VRtON(nS)_Typ:45
BY- PD532XORNB		5.6*8.6	410	60	75	60	80.00	10.00	10	Features: VOC(mV)_Typ:410 ISC(uA)_Typ:75 IL(uA)_Typ:80 VRtON(nS)_Typ:10
BY- PD527XQTNB		5.2*7.3	350	60	75	70	80.00	50.00	50	Features: VOC(mV)_Typ:350 ISC(uA)_Typ:75 IL(uA)_Typ:80 VRtON(nS)_Typ:50
BY- PD516XQTNB		5.1*6.4	350	65	75	70	80.00	50.00	50	Features: VOC(mV)_Typ:350 ISC(uA)_Typ:75 IL(uA)_Typ:80 VRtON(nS)_Typ:50
BY- PD456XQTNB		4.55*6.6	350	65	75	70	80.00	50.00	50	Features VOC(mV)_Typ:350 ISC(uA)_Typ:75 IL(uA)_Typ:80 VRtON(nS)_Typ:50

LED BULBS LIGHT



Specifications
 Voltage:AC100-265V
 Base:E27
 CCT:6400K/4100K/3000K
 Aluminium coated with
 Plastic +Frosted PC Cover

Model Number	A60-CP-9W
Voltage	AC100-265V
Power(W)	9W
Lumen(lm)	900lm+-10%
CRI(Ra)	Ra>80
PF	PF>0.5
LED chip	28355MD
Beam Angle	300 °
Size	D:60mm H:118mm



Specifications
 Voltage:AC100-265V
 Base:E27,E14,E12
 CCT:6400K/4100K/3000K
 Aluminium coated with
 Plastic+Frosted PC Cover

Model Number	C30-CP-7W
Voltage	AC100-265V
Power(W)	7W
Lumen(lm)	580lm+-10%
CRI (Ra)	Ra>80
PF	PF>0.5
LED chip	28355MD
Beam Angle	360 °
Size	D:37mm H:102mm



Specifications
 Voltage:AC100-265V
 Base:E27,E14,E12
 CCT:6400K/4100K/3000K
 Aluminium coated with
 Plastic +Frosted PC Cover

Model Number	G60-CP-6.5W
Voltage	AC100-265V
Power(W)	6.5W
Lumen(lm)	630lm+-10%
CRI(Ra)	Ra>80
PF	PF>0.5
IFD chip	2835SMD
Beam Angle	360 °
Size	D · 60mm H:95mm



G45-CP-7W



R63-CP-8W



R50-CP-5W



GU10-CP-6W-COB-A



GU10-CP-5w



MR16-CP



GU10-CP-7*1W



C30L-2835-G-4W

LED BULBS LIGHT



Specifications
 Voltage:AC100-265V
 Base:E27,E14,E12
 CCT:6400K/4100K/3000K
 Clear glass cover

Model Number	G95-COG
Voltage	AC100-265V
Power(W)	7.5W
Lumen(lm)	800lm+-10%
CRI(Ra)	Ra>80
PF	PF>0.5
LED chip	1W filament*6
Beam Angle	360 °
Size	D:94mm H:140mm



Specifications
 Voltage:AC/DC 12V
 Base:GU5.3
 CCT:6400K/4100K/3000K
 Aluminium coated +Plastic

Model Number	MR16-CP-COB-6W
Voltage	AC100-265V
Power(W)	7.5W
Lumen(lm)	450lm+-10%
CRI(Ra)	Ra>80
PF	PF>0.5
LED chip	COB
Beam Angle	38 °
Size	D:50mm H:58mm



Specifications
 Voltage:AC170-265V
 Base:G23,G24d,G24q,E27,E26
 CCT:6400K/4100K/3000K
 Aluminum housing+PC cover

Model Number	PT-2835-10W
Voltage	AC170-265V
Power(W)	10W
Lumen(lm)	450lm+-10%
CRI(Ra)	Ra>80
PF	PF>0.5
LED chip	2835SMD
Beam Angle	120 °
Size	L:193mm H:35mm



C30-2835-5W



G50-2835-4W



B45-2835-5W



G95-15W



C30-COG-D



ST64-COG



AR111-3030-11W



PANEL LED LIGHTS



Specifications
 Voltage:AC175-265V or AC85-165V
 CCT:6000K/4000K/3000K
 Emitting Side:2 sides
 Light Guide Plate:PMMA 2.6mm

Model Number	PL-595*595-36W
Voltage	AC175-265V or AC85-165V
Power(W)	36W
Lumen(lm)	2800lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	40145MD
Beam Angle	120 °
Size	595*595*10mm



Specifications
 Voltage:AC175-265V or AC85-165V
 CCT:6000K/4000K/3000K
 Emitting Side:2 sides
 Light Guide Plate:PMMA 2.6mm

Model Number	PL-295*1195-48W
Voltage	AC175-265V or AC85-165V
Power(W)	48W
Lumen(lm)	3800lm
CRI (Ra)	Ra>70
PF	PF>0.9
LED chip	40145MD
Ream Angle	120 °
Size	295*1195*10mm



Specifications
 Voltage:AC175-265V or AC85-165V
 CCT:6000K/4000K/3000K
 Emitting Side:4 sides
 Light Guide Plate:PMMA 2.3mm

Model Number	PI-295*295-22W
Voltage	AC175-265V or AC85-165V
Power(W)	22W
Lumen(lm)	1600lm
CRI (Ra)	Ra>70
PF	PF>0.9
LED chip	4014SMD
Beam Angle	120 °
Size	295*295*10mm



PL-595*595-12W



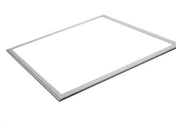
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PL-595*595-26W



PL-595*595-36W



PL-595*595-40W



PL-595*595-45W



PL-595*595-54W

PANEL LED LIGHTS



Specifications
 Voltage:AC175-265V or
 AC85-165V
 CCT:6000K/4000K/3000K
 Al+PMMA

Model Number	PL-0225-18W
Voltage	AC175-265V or AC85-165V
Power(W)	18W
Lumen(lm)	1440lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	28355MD
Beam Angle	120 °
Size	0225*17mm



Specifications
 Voltage:AC175-265V or
 AC85-165V
 CCT:6000K/4000K/3000K
 Aluminium coated +Plastic

Model Number	CL-086-6.5W-C
Voltage	AC175-265V or AC85-165V
Power(W)	6.5W
Lumen(lm)	360lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	36 °
Size	086*60.8mm



Specifications
 Voltage:AC175-265V or
 AC85-165V
 CCT:6000K/4000K/3000K
 Aluminium coated +Plastic

Model Number	DL-O180-10W-C
Voltage	AC175-265V or AC85-165V
Power(W)	10W
Lumen(lm)	700lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	100 °
Size	0180*91.00mm



PL-0145-9W



PL-0300-25W



CL-066-3W-C



CL-0106-9W-C



CL-0106-12W-C



DL-O108-6W-C

LED FLOODLIGHT



Specifications
 Adapter:Input 100-240V
 AC 50/60HZ
 CCT:6000K/4000K/3000K
 Die-casting aluminum housing
 Clear glass,Steel bracket
 Battery Type:7.4V 4.4AH
 Lithium-Battery

Model Number	FL-RC1185T-10W-C
Voltage	Input voltage:12/24V DC
Power(W)	10W
Lumen(lm)	700lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	120 °
Size	115*85*110mm
Time	CT:5Hours WT:3Hours



Specifications
 Input 100-240V
 AC 50/60HZ
 CCT:6000K/4000K/3000K
 Die-casting aluminum housing
 Clear glass,Steel bracket

Model Number	FL-AC2315H-20W-C
Voltage	AC175-265V or AC85-165V
Power(W)	20W
Lumen(lm)	1600lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	120 °
Size	230*185*320mm



Specifications
 Input 100-240V
 AC 50/60HZ
 CCT:6000K/4000K/3000K
 Die-casting aluminum housing
 Clear glass,Steel bracket

Model Number	FL-AC1924B-20W-C
Voltage	AC175-265V or AC85-165V
Power(W)	50W
Lumen(lm)	2100lm
CRI (Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	120 °
Size	195*240*75mm



FL-RC1185T-10W-C



FL-RC1185T-30W-C



FL-HAC1185T-10W-C-SP



FL-SAC1185T-20W-C



FL-ZAC1714-20W-C



FL-ZAC1185-2X10W-C



FL-GJR1185-20W

LED FLOODLIGHT



Specifications
 Input 100-240V
 AC 50/60HZ
 CCT:6000K/4000K/3000K
 Die-casting aluminum housing
 Clear glass,Steel bracket

Model Number	TL-AC3629Q-50W-C
Voltage	AC175-265V or AC85-165V
Power(W)	50W
Lumen(lm)	4000lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	120 °
Size	360*290*22mm



Specifications
 Input 100-240V
 AC 50/60HZ
 CCT:6000K/4000K/3000K
 Aluminum housing
 IP Level:IP65

Model Number	HBL-ACO2753-200W
Voltage	AC175-265V or AC85-165V
Power(W)	200W
Lumen(lm)	18000lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	45 ° /90 ° /120 °
Size	273*550mm



Specifications
 Input 85-265V
 AC 50/60HZ
 CCT:6000K/4000K/3000K
 Aluminum housing
 IP Level:IP65

Model Number	HBL-ACO2253-250W
Voltage	AC175-265V or AC85-165V
Power(W)	250W
Lumen(lm)	26250lm
CRI(Ra)	Ra>70
PF	PF>0.9
LED chip	COB
Beam Angle	100 °
Size	220*550mm



FL-AC2218F-30W-C



FL-AC2924F-50W-C



FL-AC3628B-100W



FL-ACHW2924-50W



HBL-ACO3528-50W



TL-AC2218-30W-C



TL-AC2924-50W-C