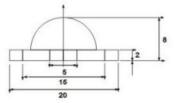
1W, 2W, 5W, 10W HIGH POWER LED LAMP

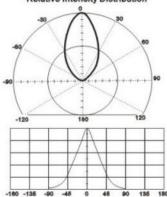
XYZPQ-1high power 1W WHITE LED SERIES X—Forward Current Y—Color temperature Z—Color

Z—Color Rendering Index P—Luminous FLUX

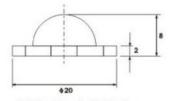


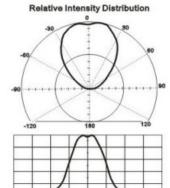


Relative Intensity Distribution









Features

White led: high power and color rendering index.

Low energy consumption, high reliability, long life, no flickering.

Applications

purpose lamp, flash light, travelling light, emergency light, mine light, alarm light and every kind floodlight.

Specifications(Ta=25℃)

- poomonono (-			-				
Parameter		Symbol	Min	Nominal	Max	Unit	Test Condition	
X Forward Current	A	lF		20		mA		
	В			40				
	D			80				
	F			120				
	Н			360				
	A			10≤FLUX<1	5			
P	В		15≤FLUX<20			Lm		
	C	FLUX	20≤FLUX<25					
Luminous FLUX	D	0/	25≤FLUX<30					
	E		30≤FLUX<35					
	F		35≤FLUX					
Q Half Angle	2	2 θ 1/2	60≤2 € 1/2<80			deg		
	D			2700K			In rated if condition	
	N			2900K				
Y	В	TC		3450K				
Color Temperature	L	10		4000K				
outer remperature	Z			5000K				
	R			6400K				
Z Color Rendering Index	1		CRI<76					
	2	CRI	76≤CRI<80					
	3	OIL	80≤CRI<90					
	4			CRI≥90				
Operating Temperature		TOPR	-25		70	°C		
Storage Temperature		Твтв	-30		80	C		

XYZPQ-2 high power 2W WHITE LED SERIES

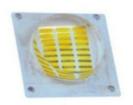
OPERATING CONDITION:

- a. It should add the reflication equipment, the operating temperature: 25℃(should be below 50℃).
- b. The current limiting resistor must be provided in the driving circuit of led and the circuit should be designed so as to drive led within the rated value.

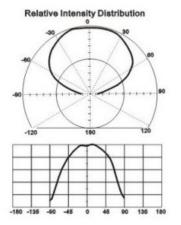
rated value.							V/ 17 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Parameter		Symbol	Min	Nominal	Max	Unit	Test Condition
X Forward Current	A B	lF		20 40		mA	
	D			80 120			
P Luminous FLUX	ABCDEF	FLUX	20 < FLUX < 30 30 < FLUX < 40 40 < FLUX < 50 50 < FLUX < 60 60 < FLUX < 70 70 < FLUX			Lm	
Q Half Angle	2	2 9 1/2		80≤2 θ 1/2<10	deg		
Y Color Temperature	DN	тс		2700K 2900K			In rated If condition
	B			3450K 4000K			
	Z			5000K 6400K			
Z Color Rendering Index	1 2 3 4	CRI		CRI<76 76≤CRI<80 80≤CRI<90 CRI≥90			
Operating Temperature		TOPR	-25		70	rc	
Storage Temperature		Тэтс	-30		80	rc	

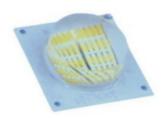
XYZPQ-5high power 5W WHITE LED SERIES

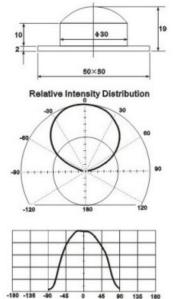
X-Forward Current Y-COLOR TEMPERATURE Z-Color Rendering Index P-Luminous FLUX Q-Half Angle



8 627 13







Applications

purpose lamp, emergency light and every kind flood light.

Specifications(Ta=25℃)

Parameter		Symbol	Min	Nominal	Max	Unit	Test Condition
X Forward Current	G	lF		240		mA	
P Luminous FLUX	AB	FLUX	60≤FLUX<80 80≤FLUX<100				
	C		17	00≤FLUX<1 20≤FLUX<1	Lm		
	E		140≤FLUX<160 160≤FLUX				In rated If
Q	3	2 θ 1/2	100≤2 θ 1/2<120 120≤2 θ 1/2<140			deg	
Half Angle	4		1	1000000			
	D	тс		2700K 2900K			condition
v	В			3450K			
	L			4000K			
Color Temperature	Z			5000K			
	R			6400K			
Z Color Rendering Index	1		CRI<76				
	2	CRI	76≤CRI<80				
	3	CRI	80≤CRI<90				
	4		CRI≥90				
	Operating Temperature		-25		70	r	
Storage Temperature	Storage Temperature		-30		80	°C	

XYZPQ-10 high power 10W WHITE LED SERIES

OPERATING CONDITION:

- a. It should add the reflication equipment, the operating temperature: 25℃(should be below 50℃).
- b. The current limiting resistor must be provided in the driving circuit of led and the circuit should be designed so as to drive led within the rated value.

Parameter		Symbol	Min	Nominal	Max	Unit	Test Condition
X Forward Current	J	IF		500		mA	
P Luminous FLUX	ABCDEF	FLUX	11 2	20≤FLUX<1 50≤FLUX<1 80≤FLUX<2 10≤FLUX<2 40≤FLUX<2 270≤FLUX	80 10 40 70	Lm	
Q Half Angle	3 4	2 θ 1/2		00≤2 θ 1/2<1 20≤2 θ 1/2<1	deg		
Y Color Temperature	D	тс		2700K 2900K			In rated if condition
	В			3450K			
	L			4000K 5000K			
	R			6400K			
Z Color Rendering Index	1 2		CRI<76 76≤CRI<80				
	3	CRI	CRI 80≤CRI<90				
Operating Temperature TOP		TOPR	-25	CRI≥90	70	rc	
Storage Temperature		Тэто	-30		80	č	

Notes:

The data are a typical presentation of the product, We can also make LED as per customers' requirements.