

Specification

Products Name:	10W Blue Sky Series Floodlight
Model No.:	ZGE-TGD113WB85B-10LF
Product Code:	16124020
Document Code:_	ZH-WI-TD-SPEC-
Edition _	A/1
Department:	R&D Certer

Changed records of issued documents

Issued time	Version	Changed content	Implementer
2014-9-12	A/0	First Issuing	Liang Jianquan /Gao He
2014-9-25	A/1	Packing specification parameter change	Gao He

Documents distributed to department:department of technology、product department、 quality control department、engineering department、internal sales department、 International Trade Department

Edited:

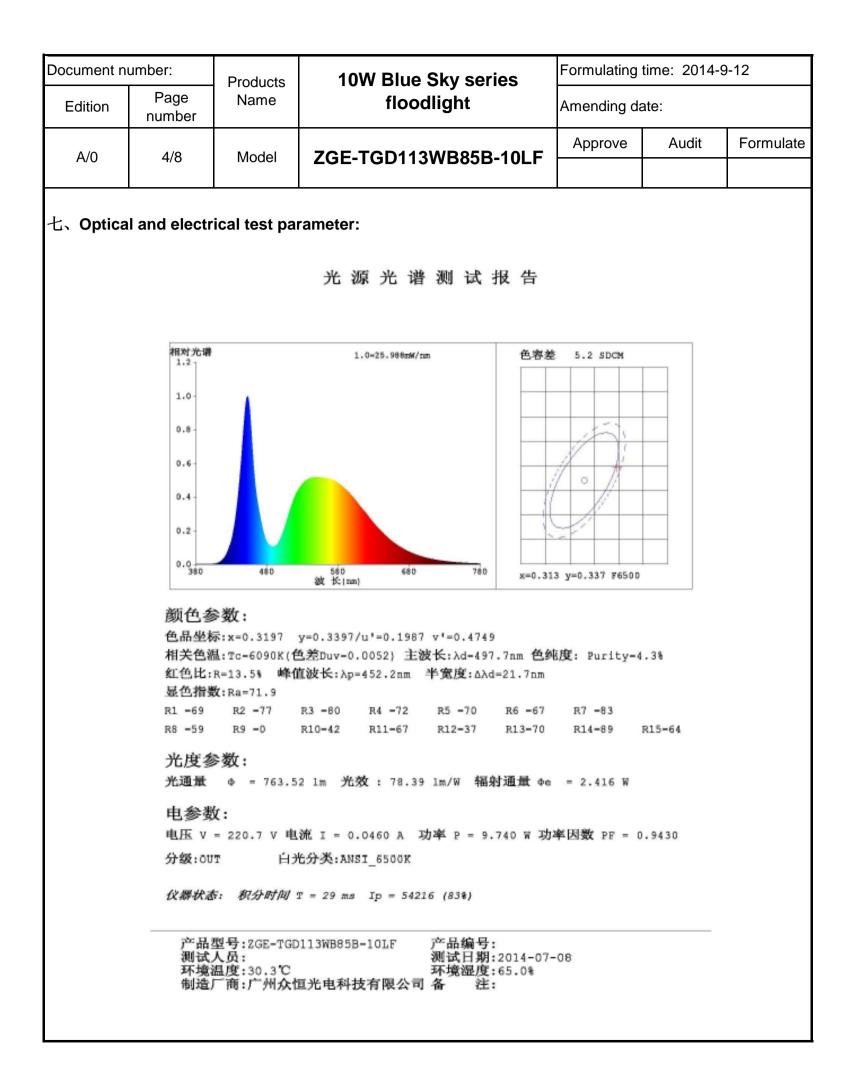
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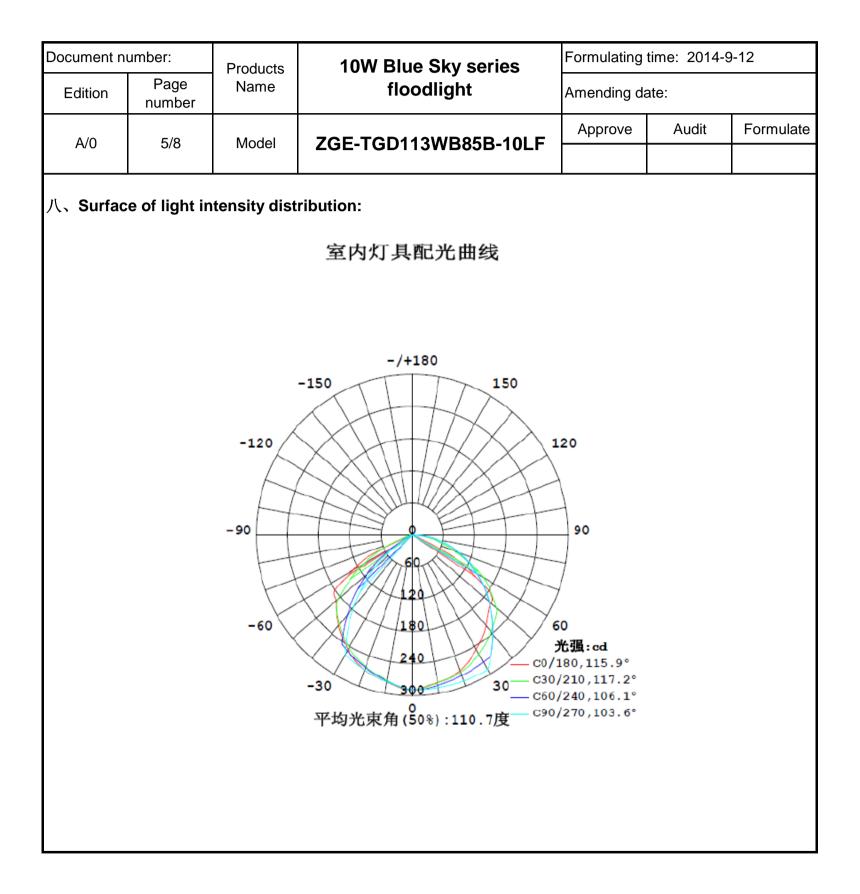
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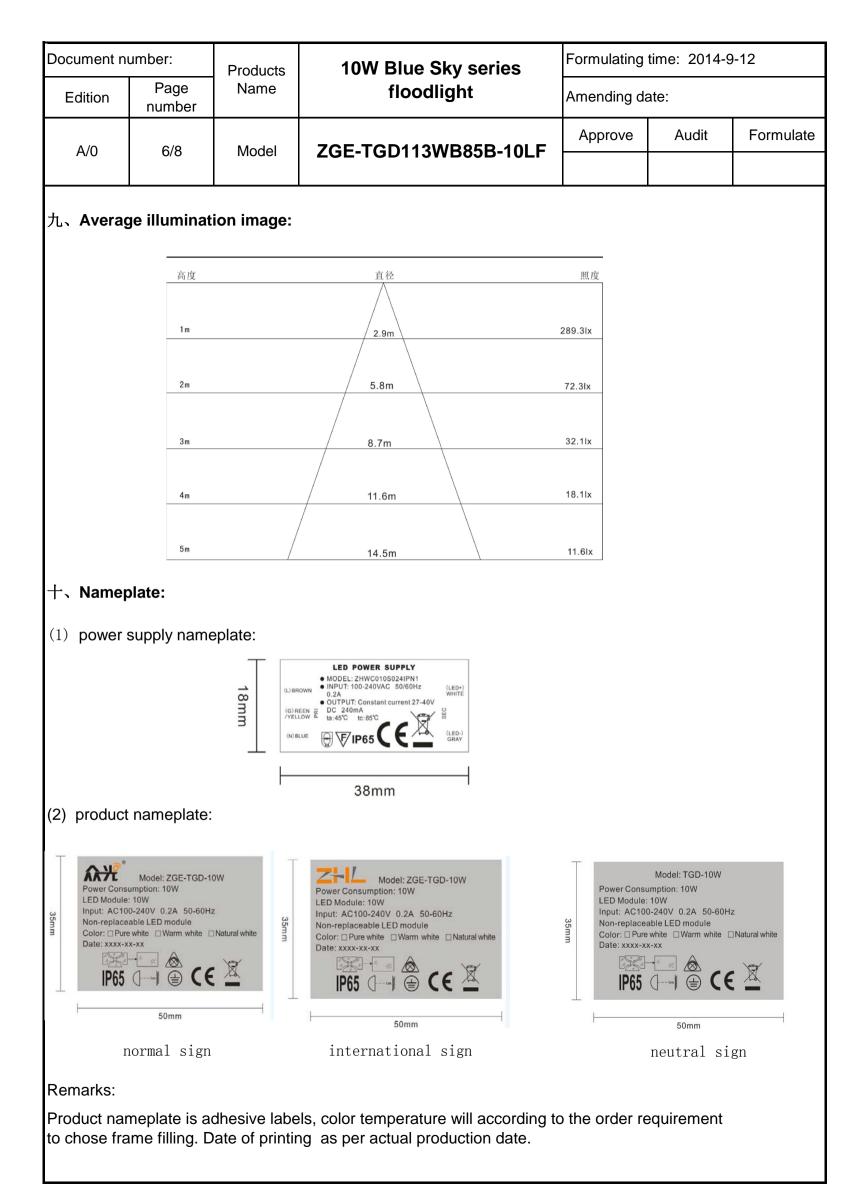
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Edition	Page number	Name	10W Blue	Sky series floodlight	Amending da	ite:	
A/0	1/8	Model	ZGE-TG	D113WB85B-10LF	Approve	Audit	Formulate
—、Purpos	e: Definite tech	nical standa	ard of LED light	direct LED examination	11		
\pm 、Basic s	pecifications of	f product:					
A、Appeara	ance as right ima	ge:			8		
B、Light bo	undary dimensio	n: 113*95*7	1mm				0
C、Lamp ne	et weigh: 415g±1	5g					T
D、Lamp co	olor: Bright silve	er/Satin black	<				117
E、Material	: lampshade-gla	ass; lamp b	ody - Alu.ADC12	2; reflector - Alu.1060;			
F、LED Chi	p: 1 PCS COB;	12pcs 33m	il; 12 series 1 pa	arallel.			1 -
G、Power w	vire: conductor	≥1.0mm²; w	vire length: \geq 0.3	m; tail end: copper-clad			
H、Power d	Iriving model: IC	C constant cu	urrent type; driv	ing IP grade: IP65	113		
I、IP grade:	IP65; electric	al shock pro	tection grade:I C	Class;		2282	6
J、Environn	nent temperature	e: working -	20ºC∼+45ºC;	storage -30ºC~+60ºC;			
K、Environr	ment humidity:	working- 10%	% \sim 75%; storag	ge- 10%∼90%			
L、Lamp he	ead: N/A						
M、Others:	not dimmable,	non-dimma	ble lamps				
三、Electric	parameter:				Ø	<u> </u>	
Test cond	ition:light for 15 ı	mins under r	nominal voltage i	input and 25°C±1°working en	vironment		
Item	n name	Unit	Minimum value	Typical value	Maximum value	Rer	marks
Input	Voltage	V	AC100	AC220	AC240		
Input	Current	А	0.11	0.05	0.04		
Lam	p power	W		$10W \pm 10\%$			
Powe	er factor	PF		≥0.85			
Ligh	t power	W		$10 \texttt{W} \pm 10 \%$			
Free	quency	Hz	47	50	63		
0	utput		DC2'	7-40V;240mA±5%			
Power conve	ersion efficiency	%		85MIN.			

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四、Optical	parameter i	requirement:					
Fest condition	on:light for 15	5 mins under 2	20V AC input a	and 25°C±1°working envir	onment		
Item	name	Unit	Minimum	Typical value	Maximum	Rei	narks
			/	/	/		
Color ter	nperature	К	/	/	/		
			5800	6150	6500	Pure	White
				/			
	endering k(CR)	Ra		/			
	(-)			≥70		Pure	White
				/			
Lumino	ous Flux	1m /					
			≥690			Pure White	
Lightin	g effect	$1 {\rm m/W}$					
			≥70				White
Beam	angle	0	100	110	120		
Chron	naticity	SDCM		<	:10		
五、Reliabi	lity requirem	nents:					
Item	name			Standard specific	cation		
Lumen ma	aintenance			lower than 92% after lighti d not lower than 70% after	-		
Work	ing life	Under nomir	nal voltage inpu	t, working life is forced no	t lower than 25	000h in 25°C	C±1⁰C
Guarant	ee period			2 years			
IP g	rade	Must meet th	ne test requiren	nents of IEC or GB to the	IP rating		
Durabi	ility test	24h,mains in 3h.Testing v 1.any part co 2.lamp could 3.No damag 4.writing labe	put on lamps of oltage:nominal ould not lose eff I not be unsafe ing track syster ol should be cle	; n;	en cut down the	e input in the	last
	erature and essure			temperature,then start it e internal test regulations)		normally.(no	ot IEC or GB

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A/0	3/8	Model	ZGE-TGD113WB85B-10LF	Approve	Audit	Formulate	
六、Safety	requirement	:			1	1	
Item	name		Standard specifi	cation			
Logo c	lurability	Wipe the logo with watering cloth for 15 seconds;then wipe it with ethane for 15 seconds af dried,at last check the logo clarity					
Stru	cture	Meet GB700	0.1-2007 or IEC60598-1:2008 Correla	ted standard			
The Insulated Resistance and Electric Strength after 48H moist test		C, keep insid (2)Bring to D for 1 minute. 2MΩ, double (3)Bring to 2 electrical par	bist Test: Any value between humidity 91%~95% & environment temperature 20°C~30° eep inside the test box for 48H if temperature difference 1°C ; ing to DC500V to bear on insulation resistance between electrical parts and metal parts minute.The Insulated Resistance(I type): Basic insulation \geq 2M Ω , additional insulation \geq , double insulation or reinforced insulation \geq 4M Ω ; ing to 2U+1000V (I type, basic insulation)to bear on insulation resistance between rical parts and metal parts for lights,the test couldn't appear the flicker or puncture working voltage)				
Leakage	e current	On working t	time, the current between power polarity	and body cas	e≪0.7mA(I	class clamp)	
Ground cor	nnection rule	More than 10A current producing by Less than 12V floating voltage connects the ground terninal and between all kinds of metal parts seperately, and release the current at least 1min,ground resistance $\leq 0.5\Omega$; contact area connecting with ground should be bare metal surface;yellow-green double colors connect the ground line				nt at least	
Hot test (re	gular work)	During the te exceed the li	est and the end of the test, the temperate	ure of the test	ed compone	nts shall not	
	al shock ection	live parts, ba	aint is not reliable, not as a protective lay sic insulation metal parts is difficult to to hanical strength, rigid fixation	-	ectric shock; r	not accessible	
	nd external ring	Meet the sta conductor≥	ndard requirements(internal connecting 1mm ²)	conductor≥().5mm², exte	rnal connecting	
Creepage distance and electric clearance electric clearance: basic insulation≥2.5mm; additional insulation≥3.6mm; reinforced insulation electric clearance: basic insulation≥1.7mm; additional insulation≥3.6mm; reinforced insulation							
Power supply terminal disturbance voltage Test is only for lead-in reference, not mandatory indicators, unnecessary to pass the					ss the test		
CE	LVD		Y				







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A/0	7/8	Model	ZGE-TGD113WB85B-10LF	Approve	Audit	Formulate
~0	770	Model	ZGE-TGDTT5WB05B-T0EF			

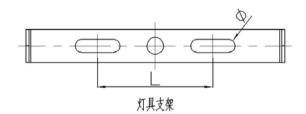
+-、Installation:

Step 1

Opening package, take out lamp and accessories, check the accessories are complete or not, if the glass is damaged please ask for suppliers to replace immediately.

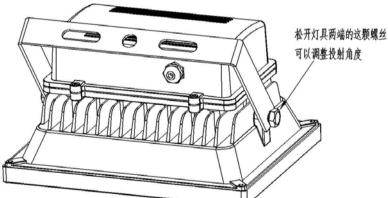
Step 2

Lights can install on the ground, wall or brackets according to actual situation such as installation on the brackets with hexagonal head screw fixed. And dig the hole on ground or wall with suitable expansion bolt fixing according to light's bracket if install on the ground or wall. As drawing:



Step 3

After fixing light body, unscrew from both side, then tighten the screws when turns the light to the correct angle



Step 4

Connection line:brown wire connects the fire wire,blue line connects the null line, and yellow-green line connects ground wire.

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	0/0	Model	2GE-1GD113WB03B-10EF			

十二、Packing:

Package	Dimension(mm)	Box & CTN	Qty	Net\gross weight (Kg)	
Inner box	120*95*77mm	1PCS/boxes	1PCS	0.42	0.47
Outer Cartor	405*265*179mm	2 layers/CTN	16PCS	7.84	

十三、Attention:

1. Please take care of glass part when moving;

2. Do not disassemble the lights if not prefessional;

3. The working power is high voltage alternating current which is installed in out of reach by people, the wire core shall not be exposed while connecting, and do ground protection

4. Place for installation must be carrying capacity enough to ensure the safety;

5、Please don't touch the light cup by hand when working , in order not to be scalded.

6、Working ambient temperature should be less than 45° C.Otherwise, It will effect the lifespan of products.Keep it well;

7. Do not work over the range of voltage to ensure the lifespan of barretter;

8、This product has tri-proof.It can work in rain but couldn't soak into the water;

9、Clear the dust in one time to keep the good heat dispersion. Be noted that do not clear the products with corrosive liquid;

10、Ask for professional to installation or maintaince;

Attention: Won't notice if any information changed. Any doubts please contact supplier directly!