Foshan Electrical & Lighting Co., Ltd. Design Document

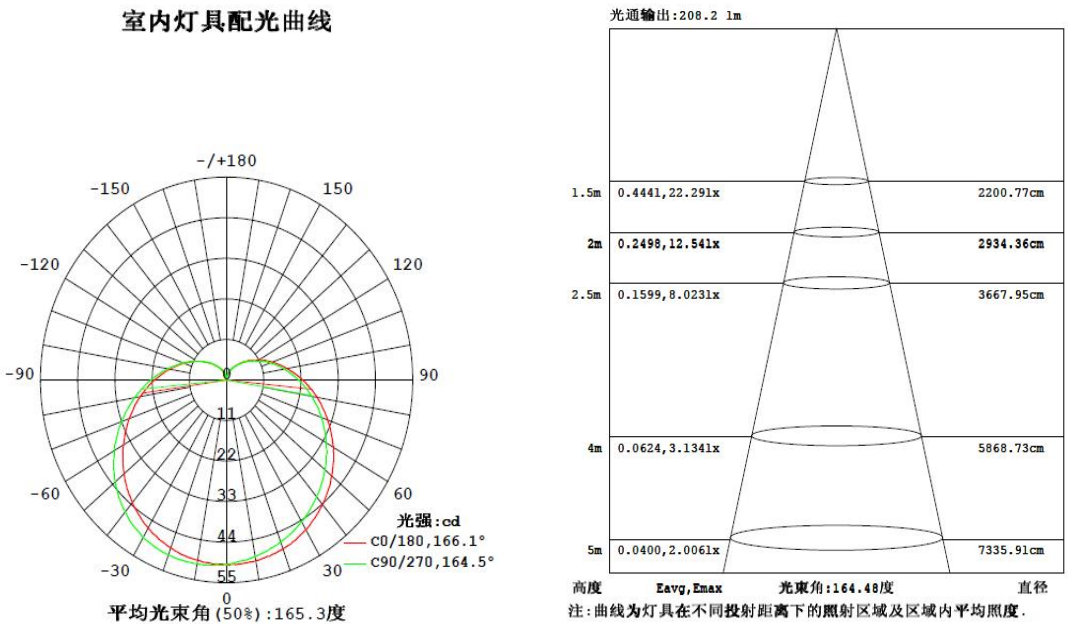
Title	Product Specification	Document No.: FLEG45B6W40K14	
		Revision Status: A/0	Page No.:

Commodity	**G45 230V 5.5W Plastic-clad Aluminum E14**
Series name	**G45 230V 5.5W**
Specifications Model	**G45-5.5-**/A11F/11/3**
Description: Low power consumption, long lifetime, good stability, high reliability, energy-saving and eco-friendly, premium appearance	
Application: Mirror lights, corridors, restrooms, hallways, schools, hotels, jewelry stores, shopping malls, office buildings, etc.	



Parameter			Unit		Nominal	Max	Min
Electrical characteristics	1	Rated Wattage	W		5.5W	6	5
	2	Rated Voltage	V/HZ		220-240V 50/60Hz	264	216
	3	Power Factor	PF		0.5	--	0.5
	4	Driver Input Current	mA	240V	45	--	--
Light data & Colour data	5	Luminous flux [lm]	lm	2700K	440	--	425
				4000K	450	--	440
				6500K	470	--	460
	6	Luminous efficacy	LM/W	2700K	80	--	77
				4000K	82	--	80
				6500K	85	--	84
	7	LED Type and Quantity	pcs		2835 5pcs	--	--
	8	Luminous intensity (cd)	cd		85	--	--
	9	Light angle	°		180	--	160
	10	3000 hours Lumen Maintenance	%		92	--	--
	11	Colour temperature	K		Optional	6500	2700
	12	Colour rendering index (Ra)	Ra		≥80	--	80
	13	Equivalence claim (W)	W		25	--	--
	14	Energy efficiency class	--		--	--	--
	15	Effective luminous flux	lm		--	--	--
Other	16	Rated life (L70)	hrs		15000	--	15000
	17	Diameter D	mm		45	47	43
		Height H	mm		82	83	78
	18	Base	--		E14	--	--
	19	Weight	g		20	--	--
	20	Dielectric strength	V		4000	--	4000
	21	Electric shock proof grade	--		--		
	22	Dimmable	--		Non-dimmable		
	23	Complies with CE requirements [Y/N]	--		Y		
	24	Work environment	--		-20℃ ~ +40℃, 10% ~ 80% R.H.		
	25	Storage environment	--		-20℃ ~ +50℃, 0% ~ 80% R.H.		
	26	Protection grade	--		IP20		
Remarks		Note: The specification is subject to the latest update. The version and date are shown at the top right of the header					

Light distribution diagram



Precautions for Use

1. To ensure proper operation, make sure the operating voltage is within the indicated voltage range.
2. Install and use this product in the correct way.
3. Disconnect the power supply before installing or removing the product to avoid the risk of electric shock.
4. For best performance, do not use this product in high-humidity or dusty environments, including but not limited to: bathrooms, sauna rooms, and grinding workshops.
5. Do not stare directly at the LED light source for a long time; high-intensity light sources may cause eye injury.
6. If any of the following problems occur, ask a qualified electrician for repair; do not disassemble the product by yourself:

1) The product emits a strange odor, abnormal sound, or unusual flickering.
2) The housing is broken or foreign objects have entered the product.

Note:

a. The above parameters are for reference only. The actual product shall prevail. In case of any change made by our

The above parameters can be modified without prior notification .If there is any change, according to the real object please.

b. Our company reserves the right to modify the contents of this document without prior notice to customers. We

We reserve the right to amend the data without any prior notification. Sorry for the inconvenience caused.

Prepared by:	**Reviewed by:**	**Approved by:**
Date:	**Date:**	**Date:**