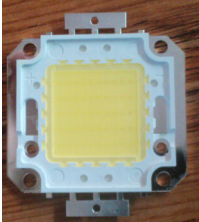


PRODUCT SPECIFICATION

Model No.: FYLP-50W-UWU-B

Features:	
<ul style="list-style-type: none"> ■ High-Power Emitter LED Type ■ Size (mm):52*40 ■ Emitting Color: White ■ SMT package ■ RoHS Compliant 	

Applications:
<ul style="list-style-type: none"> ■ Decorative lighting ■ Architectural lighting ■ Interior automotive ■ Illuminations



CUSTOMER APPROVED SIGNATURES	APPROVED BY	CHECKED BY	PREPARED BY

NINGBO FORYARD OPTOELECTRONICS CO.,LTD

Add:NO.115 Qixin Road Ningbo Zhejiang China

Zip:315051

Tel: 0086-574-87933652 87927870 87922206

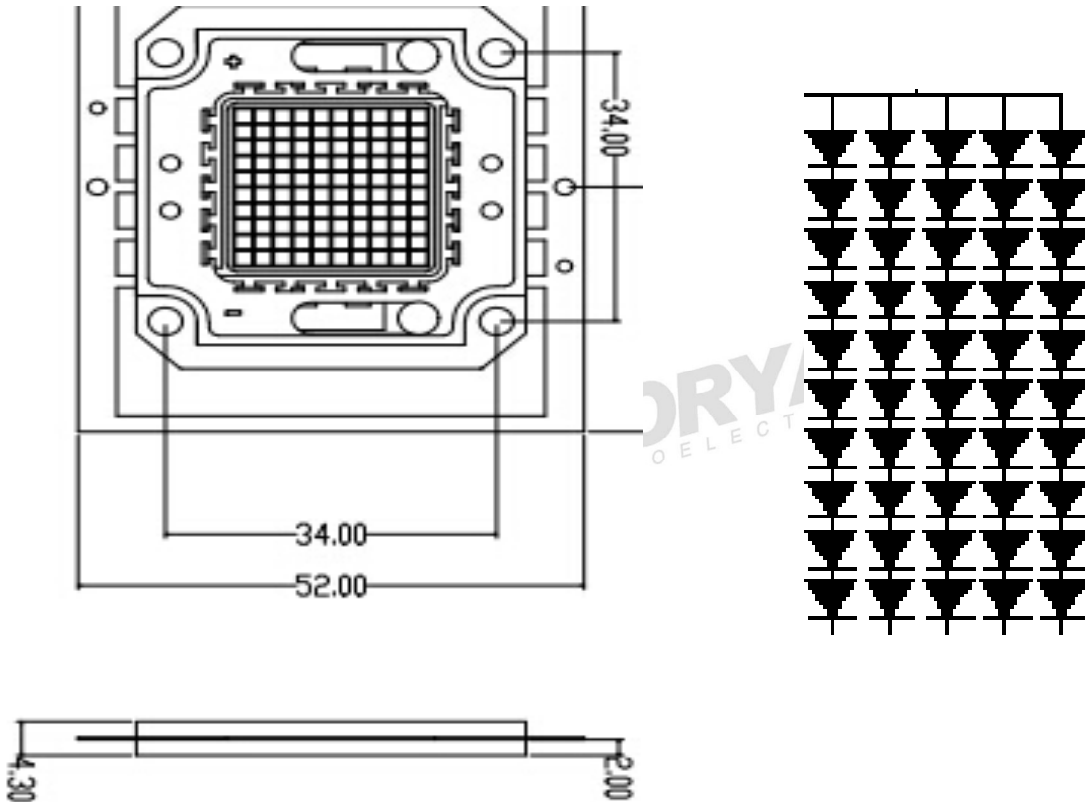
Fax: 0086-574-87927917

E-mail:Sales@foryard.com (General)

[Http://www.foryard.com](http://www.foryard.com)

Model No.: FYLP-50W-UWU-B

■ Mechanical Dimensions



Notes:

1. Dimension in millimeter, tolerance is ± 0.2 mm.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Model No.: FYLP-50W-UWU-B

■ Absolute Maximum Ratings(Ta=25° C)

Items	Symbol	Absolute maximum Rating	Unit
Forward Current(DC)	IF	1000	mA
Peak Forward Current*	IFP	1750	mA
Power Dissipation	PD	50	W
Operation Temperature	Topr	-30° C+75° C	°C
Storage Temperature	Tstg	-40°C+85°C	°C
Reverse Voltage	VR	5	V
Soldering Temperature	Tsol	Reflow Soldering:260°C/3sec	

*Pulse width \leq 1msec duty \leq 1/10

■ Typical Electrical & Optical Characteristics(Ta=25°C)

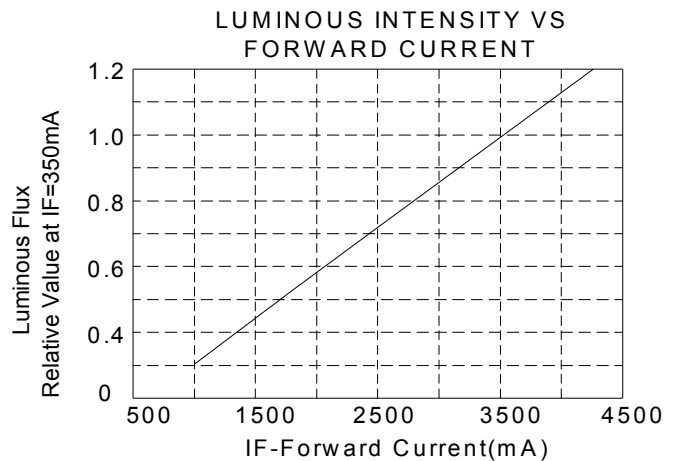
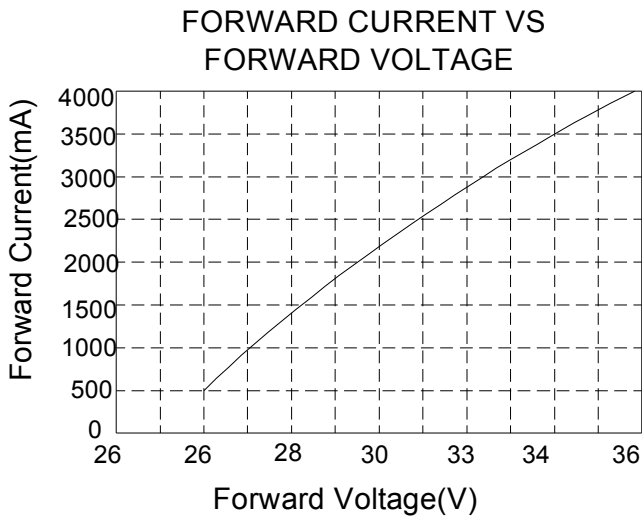
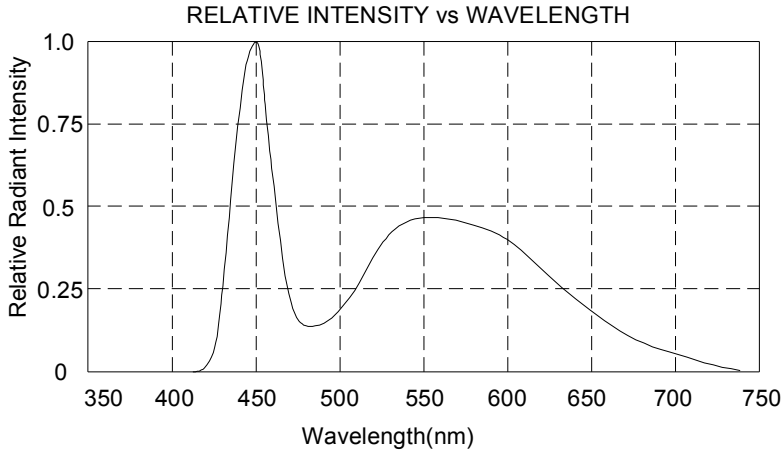
Items	Symbol	Condition	Min.	Typ.	Max	Unit
Forward Voltage	VF	IF = 1750mA	30	---	34	V
Reverse Current	IR	VR = 5V			5	uA
Color Temperature	CCT	IF = 1750mA		6000		K
Luminous Flux	Φ_V	IF = 1750mA	4200		4300	lm
50% Power Angle	2 $\theta_{1/2}$	IF = 1750mA	110	120	140	Deg

Note:

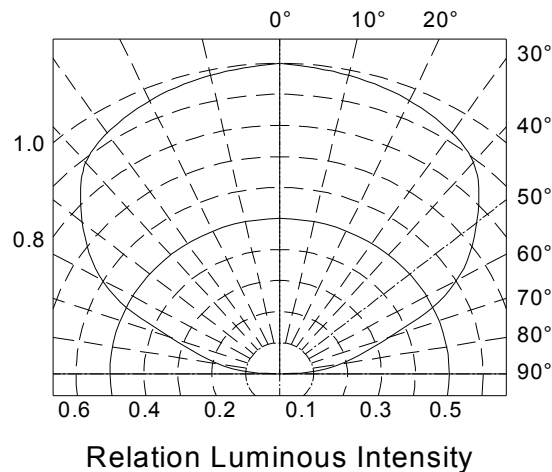
- 1.Luminous Intensity is based on the Foryard standards.
- 2.Pay attention about static for InGaN

Model No.: FYLP-50W-UWU-B

Typical Electrical/Optical Characteristics Curves(Ta=25° C Unless Otherwise Noted)



Radiation pattern.



Model No.: FYLP-50W-UWU-B

■ 修改记录

日期	修改内容	工程师	版本
	新增		A