Harvatek 4.7mm Round LED LAMP WITH HOLDER

HV-I8NB30G-MP9AA-U1134

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2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

Compliance and Certification

ISO9002, QS9000 and ISO14001 Certified
RoHS Compliant

Orderable Information

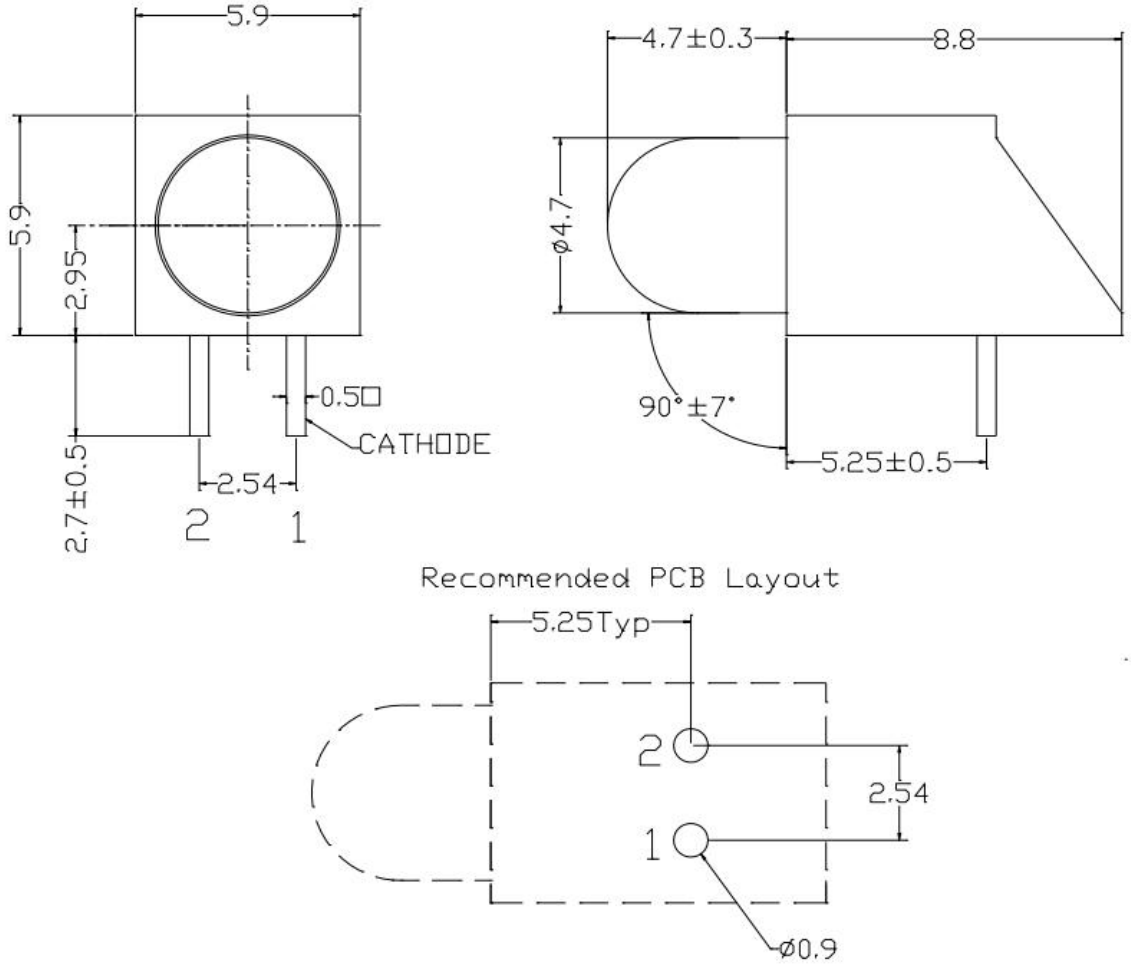
H V - I8 NB 30 G - MP9AA - U1930

Series Name	Color Code	Remark
HV : **HARVATEK**	**I8NB :** **4.7mm Round LED Lamp With Holder.** **With InGaN 470nm Blue Chip.** **30 : Viewing angle 30 deg.** **G : HARVATEK Part No.** **MP9 : Square HOLDER** **AA : 1 LAMP**	**U1930：** **Customer Product Code**

Features:

- Stable Color
- Popular 4.7mm through hole package.
- Blue Diffused lens

Package Dimensions:



Notes:

1.All dimensions are millimeters.

2.Tolerance is +/-0.25mm unless otherwise noted.

3.Specifications are subject to change without notice.

Absolute Maximum Ratings at Ta=25℃

Parameter	Max.	Unit
Power Dissipation	80	mW
Peak Forward Current (1/10Duty Cycle,0.1ms Pulse width)	100	mA
Continuous Forward Current	30	mA
Reverse Voltage	5	V
Operating Temperature Range	-40℃ to +85℃	
Storage Temperature Range	-40℃ to +100℃	
Lead Soldering Temperature 【2mm From Body】	260℃ for 5 Seconds (max.)	

Electrical and Optical Characteristic

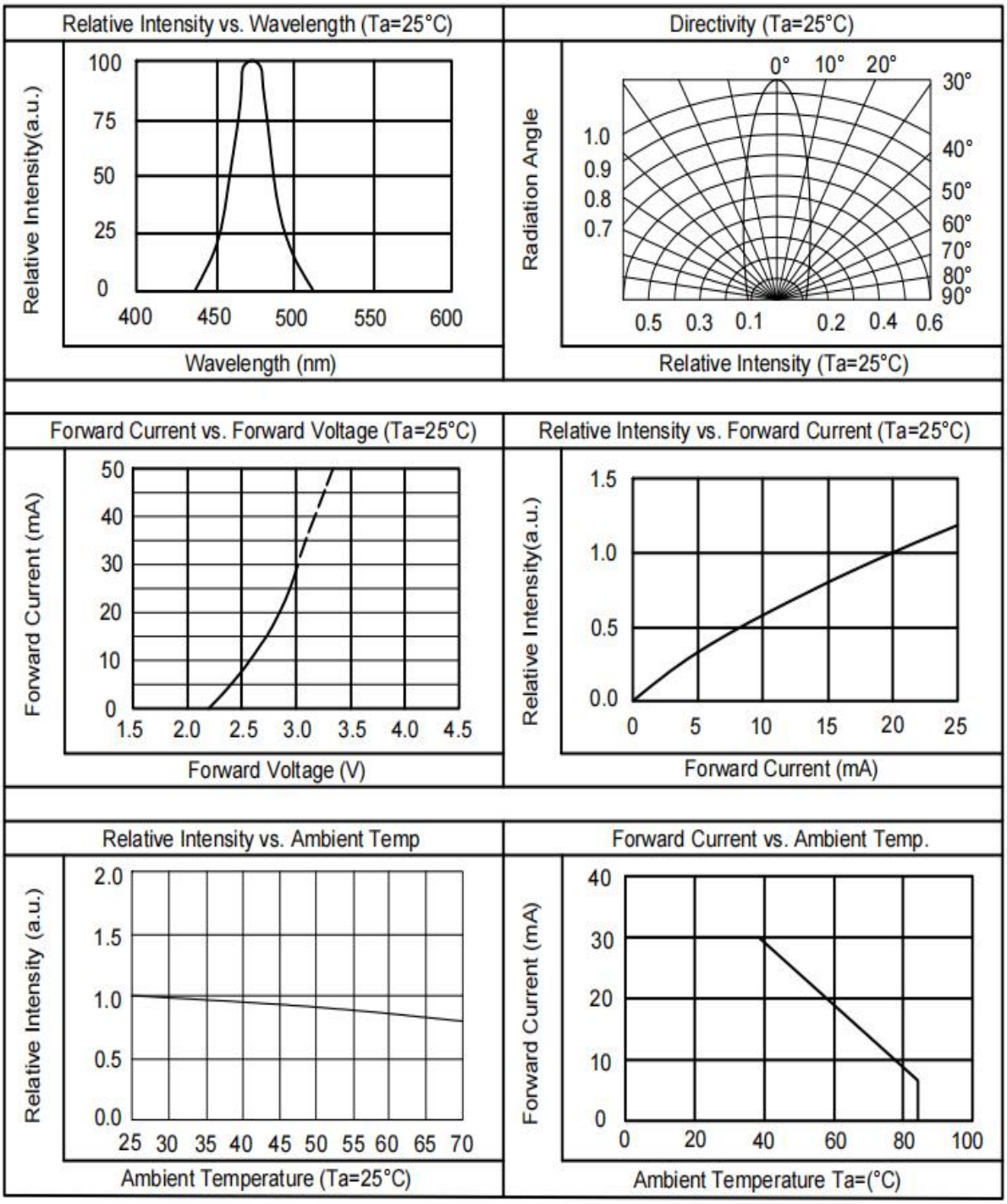
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	Iv	500	1000	---	mcd	If=20mA
Viewing Angle	2θ ½	---	30	---	Deg	If=20mA
Peak Emission Wavelength	λρ	---	466	---	nm	If=20mA
Dominant Wavelength	λd	---	470	---	nm	If=20mA
Spectral Line Half-Width	△λ	---	15	---	nm	If=20mA
Forward Voltage	Vf	---	3.0	3.6	V	If=20mA
Reverse Current	IR	---	---	10	μA	VR=5V

Notes:

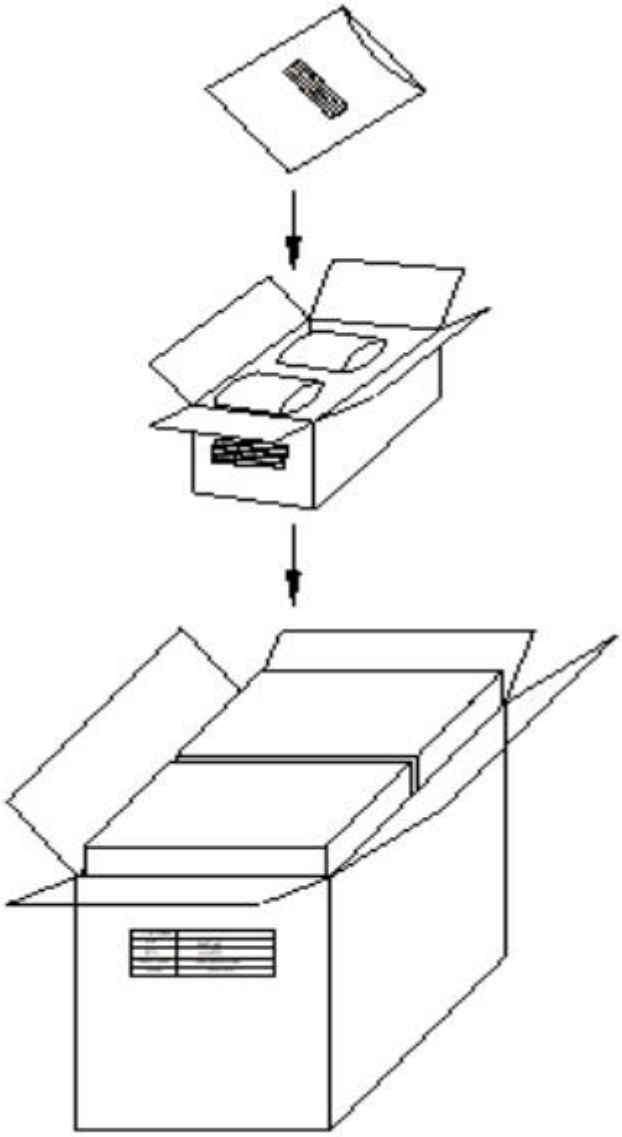
1. θ 1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.
2. Luminous intensity: ±15%.
3. Wavelength: ±1nm.
4. VF: ±0.1V

Typical Electro-Optical Characteristics Curves

(25°C Ambient Temperature Unless Otherwise Noted)



Packing Specification:

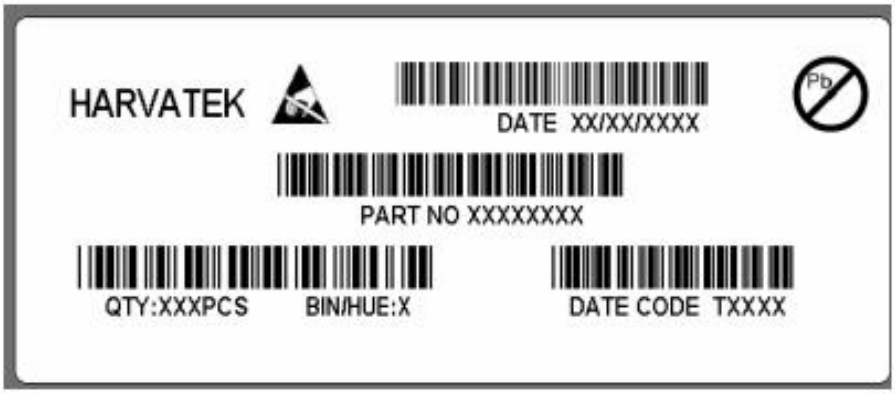


500PCS/Bag

2000PCS/In-Carton

20000PCS/Out-Carton

LABLE:


HARVATEK
DATE XX/XX/XXXX
Pb
PART NO XXXXXXXX
QTY:XXXPCS
BIN/HUE:X
DATE CODE TXXXX

Revision History

Revision	Page	Version No.	Revision Date
Initial Release		1.0	06-13-2018
Change PIN position	4	1.1	06-28-2018
Change the packaging specifications	8	1.2	08-03-2021