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TX-BGRWY10B140-001D

PRODUCT SPECIFICATION

T AND HINE			~11	ASHING				
Approved by:		Che	Checked by:			Prepared by:		
Part No.	TX-BGRWY10B1	40-001D	Spec No.	WKF-BB9051	Page	1 of 10		

TYANSHINE

Features:

Excellent Transiting Heat from LED Chip Operating under 500mA

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B- ⊺

G-

R- [

High Luminous Output

No UV

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Typical purpose:

Portable Flashlight

Garden lighting

General Lighting

Package Dimensions:



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B+

G+

R+ W+

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Notes:

1. This product is in the White light for thermoelectric integrated chip.

2.All dimensions are in millimeters (inches).

3. Tolerance is ± 0.25 mm (0.01") unless otherwise noted.

Part NO.	Chip Material					Lens Color	Source Color
	Blue	Green	Red	White	Yellow	Motor	Blue & Green &
TX-BGRWY10B140-001D	GalnN	GalnN	AlGaInP	GalnN	AlGaInP	Clear	Red & White & Yellow

Absolute Maximum Ratings at Ta=25

		ASH	
5		KAB.	
Sym	bol	MAX.	Unit
Tj		150	
	В	1800	
	G	1800	and a strice of
PD	R	1300	mW
	W.	1800	Tantin
1	Y	1300	
IFP		1000	mA
I	=	500	mA
V _R		5	V
ESD		2000	V
T _{opr}		-40 to +70	
Ts	pr	-40 to +100	
	5 Sym T PD IF IF V ES Tc Tc	25 Symbol Tj B G PD R W Y IF VR ESD Topr Tspr	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Notes:

- 1. Specifications are subject to change without notice.
- 2. Under the stipulated Characteristics parameters above, the life span of the LED is more than 50,000hours.

3. The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.

4. Precautions for ESD:

STATIC SHIELD Electrony and surge damages the LED. It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. All devices, equipment and machinery must be properly grounded.

Part No.	TX-BGRWY10B140-001D	Spec No.	WKF-BB9051	Page	3 of 10



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Notes:

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- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- 2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity
- 3. The dominant wavelength (d) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.
- 4. Flux is measured with an accuracy of $\pm 15\%$.
- 5. Forward voltage is measured with an accuracy of ± 0.15 V.

Spec No. WKF-BB9051 Page 5 of 10	Part No.	TX-BGRWY10B140-001D	Spec No.	WKF-BB9051	Page	5 of 10
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