

φ5-InGaN Series Standard Through Hole LED Lamps
(LED Lamp Specifications)

Model Name: HanzaLEDs
Issued Date: 01/01/2012
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φ	Model	Luminous Color	Absolute Maximum Rating					Electrical-Optical Characteristics					
			Forward Current	Reverse Voltage	PowerDissipation	Operating Temp.	Storage Temp.	Forward Voltage	Reverse Current	Luminous Intensity	Wavelength	LineHalf-width	Angle(Ref.)
			IF(mA)	VR(V)	PD(mW)	Topr(°C)	Tstg(°C)	VF(TYP)(V)	IR(MAX)(μA)	Iv(mcd)	λ d(nm)	Δ λ (nm)	2 θ 1/2
5	<i>HWT6A-5AJ6-F3</i>	White	30	7	108	-30~85	-40~100	3.3	10	10000	※x=0.31,y=0.29(TYP)		15
	<i>HWW6A-5AJ6-F3</i>	Warm White	30	7	108	-30~85	-40~100	3.3	10	8500	※x=0.44,y=0.38(TYP)		15
	<i>HCW6A-5AJ6-F3</i>	Candle	30	7	108	-30~85	-40~100	3.3	10	8500	※x=0.51,y=0.41(TYP)		15
	SBL6A-5SJ6-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	6200	470	22	15
	SGR6A-5AJ6-F3	Green	30	7	108	-30~85	-40~100	3.3	10	26000	525	30	15
	<i>HWT6A-5AJ4-F3</i>	White	30	7	108	-30~85	-40~100	3.3	10	6000	※x=0.31,y=0.29(TYP)		30
	<i>HWW6A-5AJ4-F3</i>	Warm White	30	7	108	-30~85	-40~100	3.3	10	-	※x=0.44,y=0.38(TYP)		30
	<i>HCW6A-5AJ4-F3</i>	Candle	30	7	108	-30~85	-40~100	3.3	10	-	※x=0.51,y=0.41(TYP)		30
	SBL6A-5SJ4-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	5400	470	22	30
	SGR6A-5AJ4-F3	Green	30	7	108	-30~85	-40~100	3.3	10	25000	525	30	30
	<i>HWT6A-5AJ2-F3</i>	White	30	7	108	-30~85	-40~100	3.3	10	4200	※x=0.31,y=0.29(TYP)		60
	<i>HWW6A-5AJ2-F3</i>	Warm White	30	7	108	-30~85	-40~100	3.3	10	2500	※x=0.44,y=0.38(TYP)		60
	<i>HCW6A-5AJ2-F3</i>	Candle	30	7	108	-30~85	-40~100	3.3	10	-	※x=0.51,y=0.41(TYP)		60
	SBL6A-5SJ2-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	2500	470	22	60
	SGR6A-5AJ2-F3	Green	30	7	108	-30~85	-40~100	3.3	10	9000	525	30	60
	<i>HWT6A-5AJ9-F3</i>	White	30	7	108	-30~85	-40~100	3.3	10	1400	※x=0.31,y=0.29(TYP)		110
	<i>HWW6A-5AJ9-F3</i>	Warm White	30	7	108	-30~85	-40~100	3.3	10	1100	※x=0.44,y=0.38(TYP)		110
	<i>HCW6A-5AJ9-F3</i>	Candle	30	7	108	-30~85	-40~100	3.3	10	1100	※x=0.51,y=0.41(TYP)		110
	SBL6A-5SJ9-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	900	470	22	110
	SGR6A-5AJ9-F3	Green	30	7	108	-30~85	-40~100	3.3	10	4500	525	30	110
<i>HWT6A-5AJ8-F3</i>	White	30	7	108	-30~85	-40~100	3.3	10	550	※x=0.31,y=0.29(TYP)		-	
<i>HWW6A-5AJ8-F3</i>	Warm White	30	7	108	-30~85	-40~100	3.3	10	450	※x=0.44,y=0.38(TYP)		-	
<i>HCW6A-5AJ8-F3</i>	Candle	30	7	108	-30~85	-40~100	3.3	10	450	※x=0.51,y=0.41(TYP)		-	
SBL6A-5SJ8-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	320	470	22	-	
SGR6A-5AJ8-F3	Green	30	7	108	-30~85	-40~100	3.3	10	1300	525	30	-	

Remark) Measurement condition: IF=20mA, Reverse Current: VR=7V

※Mark: Chromaticity coordinates data

Luminous Intensity: () is tentative data, [-] is undecided.

Italic type letter =OEM products