

φ 5-InGaN, φ 5-AllnGaP, φ 10-InGaN and φ 10-AllnGaP Series Low-Beam Through-Hole LED Lamps
(LED Lamp Specifications)

Model Name: HanzaLEDs

Issued Date: 2023.07.06

Revised Date: -

Item	Model	Luminous Color	Absolute Maximum Rating					Electrical-Optical Characteristics						
			Forward Current	Reverse Voltage	Power Dissipation	Operating Temp.	Storage Temp.	Forward Voltage	Reverse Current	Luminous Intensity	Wavelength	LineHalf-width	Angle(Ref.) Horizontal	Angle(Ref.) Downward
			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	θ 1/2
φ 5-InGaN	HWT6D-5AE21-F4	White	30	7	105	-30~85	-40~100	3.1	5	16000	※x=0.32,y=0.32(TYP)		30	25
	SBL6A-5SE21-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	6000	470	22	30	25
	SGR6A-5AE21-F3	Green	30	7	108	-30~85	-40~100	3.3	10	18000	525	30	30	25
φ 5-AllnGaP	SRH1G-5AE24-F3	Red	50	10	125	-30~85	-40~100	2.1	5	17000	624	18	30	25
	SFY1G-5AE24-F3	Orange	50	10	125	-30~85	-40~100	2.1	5	24000	605	18	30	25
	SYL1F-5AE24-F3	Yellow	50	10	125	-30~85	-40~100	2.1	5	23000	589	18	30	25
	SFY1B-5AE24-A8	Orange	50	10	125	-30~85	-40~100	2.1	5	4700	605	17	30	25
φ 10-InGaN	HWT6D-XAE11-F4	White	30	7	105	-30~85	-40~100	3.1	5	-	※x=0.32,y=0.32(TYP)		45	25
	SBL6A-XSE11-F3	Blue	30	7	108	-30~85	-40~100	3.3	10	-	470	22	45	25
	SGR6A-XAE11-F3	Green	30	7	108	-30~85	-40~100	3.3	10	-	525	30	45	25
φ 10-AllnGaP	SRH1G-XAE14-F3	Red	50	10	125	-30~85	-40~100	2.1	5	-	624	18	45	25
	SFY1G-XAE14-F3	Orange	50	10	125	-30~85	-40~100	2.1	5	-	605	18	45	25
	SYL1F-XAE14-F3	Yellow	50	10	125	-30~85	-40~100	2.1	5	-	589	18	45	25
	SFY1H-XAE14-E3	Orange	70	10	190	-30~85	-40~100	2.1	5	11000	605	18	45	25

Remark:
 Measurement condition:IF=20mA, Reverse Current:InGaN→VR=7V, AllnGaP→VR=10V
 ※Mark: Chromaticity Coordinates Data.
 Luminous Intensity: () is tentative data, [-] is undecided.