

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

Model Name: HanzaLEDs
Issued Date: 01/01/2012
Revised Date: 02/13/2023

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	NRH1D-5AJ6-F3	Red	30	10	72	-30~85	-40~100	2.05	10	3000	624	20	15
	NFY1D-5AJ6-F3	Orange	30	10	72	-30~85	-40~100	2.05	10	3500	605	17	15
	NYL1D-5AJ6-F3	Yellow	30	10	72	-30~85	-40~100	2.05	10	2500	589	15	15
	NRH1A-5AJ6-F3	Bright Red	30	10	75	-30~85	-40~100	2.1	5	7800	624	20	15
	NYL1A-5AJ6-F3	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	8000	589	15	15
	NRH1D-5AJ4-F3	Red	30	10	72	-30~85	-40~100	2.05	10	2100	624	20	30
	NFY1D-5AJ4-F3	Orange	30	10	72	-30~85	-40~100	2.05	10	2000	605	17	30
	NYL1D-5AJ4-F3	Yellow	30	10	72	-30~85	-40~100	2.05	10	2200	589	15	30
	NRH1A-5AJ4-F3	Bright Red	30	10	75	-30~85	-40~100	2.1	5	3800	624	20	30
	NYL1A-5AJ4-F3	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	4000	589	15	30
	NRH1D-5AJ2-F3	Red	30	10	72	-30~85	-40~100	2.05	10	1600	624	20	60
	NFY1D-5AJ2-F3	Orange	30	10	72	-30~85	-40~100	2.05	10	1300	605	17	60
	NYL1D-5AJ2-F3	Yellow	30	10	72	-30~85	-40~100	2.05	10	1800	589	15	60
	NRH1A-5AJ2-F3	Bright Red	30	10	75	-30~85	-40~100	2.1	5	2600	624	20	60
	NYL1A-5AJ2-F3	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	3000	589	15	60
	NRH1D-5AJ9-F3	Red	30	10	72	-30~85	-40~100	2.05	10	550	624	20	110
	NFY1D-5AJ9-F3	Orange	30	10	72	-30~85	-40~100	2.05	10	550	605	17	110
	NYL1D-5AJ9-F3	Yellow	30	10	72	-30~85	-40~100	2.05	10	400	589	15	110
	NRH1A-5AJ9-F3	Bright Red	30	10	75	-30~85	-40~100	2.1	5	2000	624	20	110
	NYL1A-5AJ9-F3	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	-	589	15	110
	NRH1D-5AJ8-F3	Red	30	10	72	-30~85	-40~100	2.05	10	140	624	20	-
	NFY1D-5AJ8-F3	Orange	30	10	72	-30~85	-40~100	2.05	10	150	605	17	-
	NYL1D-5AJ8-F3	Yellow	30	10	72	-30~85	-40~100	2.05	10	110	589	15	-
	NRH1A-5AJ8-F3	Bright Red	30	10	75	-30~85	-40~100	2.1	5	300	624	20	-
NYL1A-5AJ8-F3	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	-	589	15	-	
NGY1E-5AJ6-E3	Light Green	30	10	72	-30~85	-40~100	2.1	10	1700	571	15	15	

Remark) Measurement condition: IF=20mA, Reverse Current: VR=10V
Luminous Intensity: () is tentative data, [-] is undecided.