

φ3-AlInGaP Series Standard Through Hole LED Lamps
(LED Lamp Specifications)

Model Name: HanzaLEDs
Issued Date: 01/01/2012
Revised Date: 09/13/2019

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
3	NRH1D-3A2M-B7	Red	30	10	72	-30~85	-40~100	2.05	10	2000	624	20	25
	NFY1D-3A2M-B7	Orange	30	10	72	-30~85	-40~100	2.05	10	3000	605	17	25
	NYL1D-3A2M-B7	Yellow	30	10	72	-30~85	-40~100	2.05	10	2500	589	15	25
	NRH1A-3A2M-B7	Bright Red	30	10	75	-30~85	-40~100	2.1	5	4200	624	20	25
	NYL1A-3A2M-B7	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	-	589	15	25
	NRH1D-3AJ7-B7	Red	30	10	72	-30~85	-40~100	2.05	10	1400	624	20	50
	NFY1D-3AJ7-B7	Orange	30	10	72	-30~85	-40~100	2.05	10	-	605	17	50
	NYL1D-3AJ7-B7	Yellow	30	10	72	-30~85	-40~100	2.05	10	-	589	15	50
	NRH1A-3AJ7-B7	Bright Red	30	10	75	-30~85	-40~100	2.1	5	2700	624	20	50
	NYL1A-3AJ7-B7	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	-	589	15	50
	NRH1D-3AJ3-B7	Red	30	10	72	-30~85	-40~100	2.05	10	500	624	20	80
	NFY1D-3AJ3-B7	Orange	30	10	72	-30~85	-40~100	2.05	10	600	605	17	80
	NYL1D-3AJ3-B7	Yellow	30	10	72	-30~85	-40~100	2.05	10	550	589	15	80
	NRH1A-3AJ3-B7	Bright Red	30	10	75	-30~85	-40~100	2.1	5	1200	624	20	80
	NYL1A-3AJ3-B7	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	-	589	15	80
	NRH1D-3AB1-B7	Red	30	10	72	-30~85	-40~100	2.05	10	100	624	20	-
	NFY1D-3AB1-B7	Orange	30	10	72	-30~85	-40~100	2.05	10	180	605	17	-
	NYL1D-3AB1-B7	Yellow	30	10	72	-30~85	-40~100	2.05	10	120	589	15	-
NRH1A-3AB1-B7	Bright Red	30	10	75	-30~85	-40~100	2.1	5	-	624	20	-	
NYL1A-3AB1-B7	Bright Yellow	30	10	75	-30~85	-40~100	2.1	5	-	589	15	-	

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