

Electrical-Optical Characteristics

(Ta=25 °C)

Code for parts	Lighting Color	Material	Forward Voltage (V)		Wavelength (nm) typ			Luminous Intensity (mcd)*		I _F (mA)
			typ	max	λ _D	λ _P	Δλ	min	typ	
HT-210SD/YG	Super Bright Orange	GaAsP	2.1	2.6	629	642	35	3.6	9	20
	Yellow Green	GaP	2.2	2.6	573	568	30	9	16	20
HT-210Y/YG	Yellow	GaAsP	2.1	2.6	590	589	35	5.6	9	20
	Yellow Green	GaP	2.2	2.6	573	568	30	9	16	20
HT-210D/YG	Amber	GaAsP	2.1	2.6	608	610	35	3.6	9	20
	Yellow Green	GaP	2.2	2.6	573	568	30	9	16	20

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			typ	max	λ _D	λ _P	Δλ	min	typ	
HT-210USD/UYG	Ultra Bright Orange	AlInGaP	1.9	2.4	622	636	17	56	120	20
	Ultra Bright Yellow Green	AlInGaP	2.0	2.4	573	574	20	25	60	20
HT-210UY/UYG	Ultra Bright Yellow	AlInGaP	1.9	2.4	589	593	15	36	120	20
	Ultra Bright Yellow Green	AlInGaP	2.0	2.4	573	574	20	25	60	20
HT-210UD/UYG	Ultra Bright Amber	AlInGaP	1.9	2.4	605	609	17	56	120	20
	Ultra Bright Yellow Green	AlInGaP	2.0	2.4	573	574	20	25	60	20

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			typ	max	λ _D	λ _P	Δλ	min	typ	
HT-210USD/NB	Ultra Bright Orange	AlInGaP	1.9	2.4	622	636	17	56	120	20
	Blue	InGaN	3.3	3.9	470	468	40	36	60	20
HT-210UY/NB	Ultra Bright Yellow	AlInGaP	1.9	2.4	589	593	15	36	120	20
	Blue	InGaN	3.3	3.9	470	468	40	36	60	20
HT-210UD/NB	Ultra Bright Amber	AlInGaP	1.9	2.4	605	609	17	56	120	20
	Blue	InGaN	3.3	3.9	470	468	40	36	60	20

*Per NIST standards

