



High Brightness LEDs - Round

FEATURES

APPLICATIONS



- **Size (mm):**
 - ▶ 5
- **Color and Typical Dominant Wavelength (nm):**
 - ▶ Red: (624 and 628)
 - ▶ Green: (527)
 - ▶ Blue: (470)
 - ▶ Amber: (591)
 - ▶ White:
- **Viewing Angle:**
 - ▶ 15°; 25°; 30°; 35° ; 60°
- **Luminous Intensity (mcd):**
LC503
 - ▶ Red: 1680~16800
 - ▶ Green: 3000~46100
 - ▶ Blue: 770~12000
 - ▶ Amber: 2130~23500
 - ▶ White: 8200~46100

- **Amusement**
 - ▶ Pachinko
 - ▶ Slot machine
 - ▶ Pin Ball machine
 - ▶ Gaming machine
- **Electronic Signs & Signals (ESS)**
 - ▶ Full color video screen
 - ▶ Motorway sign
 - ▶ Variable-message sign (VMS)
 - ▶ Advertising sign
 - ▶ Bus sign
 - ▶ Petrol sign
 - ▶ Traffic signal
- **Illumination**
 - ▶ Torch
 - ▶ Light strip
 - ▶ Channel letter
 - ▶ Backlight for mobile devices
 - ▶ Retail display lighting

Typical Electrical - Optical Characteristics

Round	Part Number	Size (mm)	Color	Viewing Angle	Leads with Stoppers	Intensity(mcd)			Dominant Wavelength(nm)			Forward Voltage	
						min	typ	max	min	typ	max	typ	max
LC503	LC503UHR1-15P-A	5	Red	15	Yes	5860	12000	16800	618	624	630	2.1	2.6
	LC503UHR1-15Q-A	5	Red	15	No	5860	12000	16800	618	624	630	2.1	2.6
	LC503UHR1-30Q-A	5	Red	30	No	3000	5100	8200	618	624	630	2.1	2.6
	LC503FPG1-15Q-A3	5	Green	15	No	16800	34000	64600	520	527	535	3.2	4
	LC503TPG1-15P-A1	5	Green	15	Yes	12000	23000	46100	520	527	535	3.4	4
	LC503TPG1-15Q-A1	5	Green	15	No	12000	23000	46100	520	527	535	3.4	4
	LC503FPG1-30Q-A3	5	Green	30	No	5860	12500	23500	520	527	535	3.2	4
	LC503TPG1-30P-A1	5	Green	30	Yes	4180	7500	12000	520	527	535	3.4	4
	LC503TPG1-30Q-A1	5	Green	30	No	4180	7500	12000	520	527	535	3.4	4
	LC503FBL1-15Q-A3	5	Blue	15	No	5860	11000	23500	465	470	475	3.2	4
	LC503PBL1-15P-A3	5	Blue	15	Yes	1520	3800	5860	465	470	475	3.4	4
	LC503PBL1-15Q-A3	5	Blue	15	No	1520	3800	5860	465	470	475	3.4	4
	LC503FBL1-30Q-A3	5	Blue	30	No	2130	4100	8200	465	470	480	3.2	4
	LC503PBL1-30P-A3	5	Blue	30	Yes	770	1600	3000	465	470	475	3.4	4
	LC503PBL1-30Q-A3	5	Blue	30	No	770	1600	3000	465	470	475	3.4	4
	LC503UYL1-15Q-A	5	Amber	15	No	5860	16000	23500	584	591	596	2.1	2.6
	LC503UYL1-30Q-A	5	Amber	30	No	3000	4800	8200	584	591	596	2.1	2.6
	LC503FWH1-15P-A0	5	White	15	Yes	16800	24000	32900	-	-	-	3.2	4
	LC503FWH1-15Q-A0	5	White	15	No	16800	24000	32900	-	-	-	3.2	4
	LC503TWN1-15P-A0	5	White	15	Yes	12000	18000	32900	-	-	-	3.4	4
LC503TWN1-15P-A1	5	White	15	Yes	8200	14000	23500	-	-	-	3.4	4	
LC503TWN1-15Q-A0	5	White	15	No	12000	18000	32900	-	-	-	3.4	4	
LC503TWN1-15Q-A1	5	White	15	No	8200	14000	23500	-	-	-	3.4	4	
LC513	LC513FWH1-60Q-A0	5	White	60	No	2130	4000	8200	-	-	-	3.2	4

Part number will be subject to change without notice.
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