

High Brightness LEDs - P4



FEATURES

APPLICATIONS



■ Size (mm):

- ▶ 7.6*7.6

■ Color and Typical Dominant Wavelength (nm):

- ▶ Amber: (591)
- ▶ Blue: (470)
- ▶ Green: (527)
- ▶ Red: (624,628)
- ▶ White

■ Viewing Angle:

- ▶ P41: 40°, 60°, 70°, 90°, 100°
- ▶ P42: 120°
- ▶ P43: 90°

■ Luminous Intensity (mlm):

P41

- ▶ Amber: 4400~13200
- ▶ Blue: 1650~3300
- ▶ Green: 4400~8730
- ▶ Red: 4400~13200
- ▶ White: 3850~11000

P42

- ▶ Amber: 5500~13200
- ▶ Blue: 1100~3300
- ▶ Green: 4400~11000
- ▶ Red: 4400~11000

P43

- ▶ Amber: 2130~8200
- ▶ Red: 2130~8200

■ Lens Type:

- ▶ P41~Convex (Round)
- ▶ P42~Concave
- ▶ P43~Convex (Oval)

■ Lead-Free

■ RoHS Compliant

■ Amusement

- ▶ Pachinko
- ▶ Slot machine
- ▶ Pin ball machine
- ▶ Gaming machine

■ Automotive Lighting

- ▶ Tail light
- ▶ Turning signal
- ▶ Center high mounted stop lamps (CHMSL)
- ▶ Car interior lighting

Typical Electrical - Optical Characteristics

P4	Part Number	Color	Size	Viewing Angle	Intensity(mlm)			Dominant Wavelength(nm)			Forward Voltage	
					min	typ	max	min	typ	max	typ	max
P41	CP41B-ADS	Amber	7.6*7.6	40	4400	6500	11000	584	591	599	2.5	3.0
	CP41B-AFS	Amber	7.6*7.6	70	5500	7500	13200	584	591	599	2.5	3.0
	CP41B-AHS	Amber	7.6*7.6	100	5500	8000	13200	584	591	599	2.5	3.0
	CP41B-BFS	Blue	7.6*7.6	70	1650	2500	3300	462	470	475	3.6	4.4
	CP41B-GFS	Green	7.6*7.6	70	4400	6500	8730	515	527	535	3.6	4.4
	CP41B-RDS	Red	7.6*7.6	40	4400	7000	11000	620	628	637	2.5	3.0
	CP41B-RFS	Red	7.6*7.6	70	4400	7500	11000	620	628	637	2.5	3.0
	CP41B-RHS	Red	7.6*7.6	100	4400	8000	13200	620	628	637	2.5	3.0
	CP41B-WES	White	7.6*7.6	60	3850	7000	11000				3.6	4.4
P42	CP42B-AKS	Amber	7.6*7.6	120	5500	7000	13200	584	591	599	2.5	3.0
	CP42B-BKS	Blue	7.6*7.6	120	1100	1500	3300	462	470	475	3.6	4.4
	CP42B-GKS	Green	7.6*7.6	120	4400	6500	11000	515	527	535	3.6	4.4
	CP42B-RKS	Red	7.6*7.6	120	4400	6000	11000	618	624	630	2.5	3.0
P43	CP43B-AGS	Amber	7.6*7.6	90	2130	5000	8200	584	591	599	2.5	3.0
	CP43B-RGS	Red	7.6*7.6	90	2130	4500	8200	618	624	630	2.5	3.0

Part number will be subject to change without notice.
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