High Brightness LEDs - Oval

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FEATURES

- **Size (mm):**
  - 4 and 5
- **Color and Typical Dominant Wavelength (nm):**
  - Amber: (591)
  - Blue: (470)
  - Green: (527)
  - Red: (621,624,628)
- **Viewing Angle:**
  - 4SM: 100*45, 105*45
  - 5SM: 100*35, 110*50
  - 566: 65*35
- **Luminous Intensity (mcd):**

  4SM
  - Blue: 390~2130
  - Green: 1100~8200
  - Red: 550~4180

  5SM
  - Amber: 390~3000
  - Blue: 200~2130
  - Green: 1100~8200
  - Red: 280~4180

  566
  - Amber: 770~4180
  - Blue: 770~4180
  - Green: 2130~12000
  - Red: 1100~4180
- **Lead-Free**
- **RoHS Compliant**

APPLICATIONS

- **Electronic Signs & Signals (ESS)**
  - Full color video screen
  - Motorway sign
  - Variable-message sign (VMS)
  - Advertising sign
  - Bus sign
  - Petrol sign

Typical Electrical - Optical Characteristics

Oval	Part Number	Color	Size	Viewing Angle	Leads with Stoppers	Intensity(mcd)			Dominant Wavelength(nm)			Forward Voltage	
						min	typ	max	min	typ	max	typ	max
4SM	C4SME-RJS	Red	4	100x45	Yes	770	1100	2130	619	621	624	2.1	2.6
	C4SMF-BJS	Blue	4	100x45	Yes	550	1000	2130	460	470	475	3.4	4.0
	C4SMF-GJS	Green	4	100x45	Yes	2130	4000	8200	520	527	535	3.4	4.0
	C4SMF-RJS	Red	4	100x45	Yes	1100	1900	4180	619	621	624	2.1	2.6
	C4SMG-BJS	Blue	4	105x45	Yes	390	900	1520	460	470	475	3.4	4.0
	C4SMG-GJS	Green	4	105x45	Yes	1100	2200	4180	520	527	535	3.4	4.0
	C4SMG-RJS	Red	4	105x45	Yes	550	1100	2130	619	621	624	2.1	2.6
5SM	C5SMA-RJS	Red	5	110x50	Yes	280	450	770	620	624	628	2.0	2.5
	C5SMB-AJS	Amber	5	110x50	Yes	390	600	1100	584	591	596	2.3	2.6
	C5SMB-BJS	Blue	5	110x50	Yes	200	350	770	465	470	475	3.4	4.0
	C5SMB-GJS	Green	5	110x50	Yes	1100	1750	3000	520	527	535	3.4	4.0
	C5SMB-RJS	Red	5	110x50	Yes	390	750	1100	620	628	635	2.3	2.6
	C5SME-RJS	Red	5	100x35	Yes	770	1100	2130	619	621	624	2.1	2.6
	C5SMF-AJS	Amber	5	100x35	Yes	770	2100	3000	584	591	596	2.1	2.6
	C5SMF-BJS	Blue	5	100x35	Yes	550	1100	2130	460	470	475	3.4	4.0
	C5SMF-GJS	Green	5	100x35	Yes	2130	4400	8200	520	527	535	3.4	4.0
	C5SMF-RJS	Red	5	100x35	Yes	1100	2200	4180	619	621	624	2.1	2.6
566	C566C-AFN	Amber	5	65x35	No	1520	2500	4180	584	591	596	2.1	2.6
	C566C-AFS	Amber	5	65x35	Yes	1520	2500	4180	584	591	596	2.1	2.6
	C566C-BFN	Blue	5	65x35	No	770	1500	4180	460	470	475	3.4	4.0
	C566C-BFS	Blue	5	65x35	Yes	770	1500	4180	460	470	475	3.4	4.0
	C566C-GFN	Green	5	65x35	No	2130	5200	12000	520	527	535	3.4	4.0
	C566C-GFS	Green	5	65x35	Yes	2130	5200	12000	520	527	535	3.4	4.0
	C566C-RFN	Red	5	65x35	No	1100	2200	4180	619	621	624	2.1	2.6
	C566C-RFS	Red	5	65x35	Yes	1100	2200	4180	619	621	624	2.1	2.6

Part number will be subject to change without notice.
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