



# LPD2016 Series

## Low Power for Display Applications



- Low Power LED Series for Exterior display
- Application in Car Body Lighting
- High Robustness AEC-Q102 RV LV1 Qualified
- Small LED Package and Standardized LED Footprint
- Large Choice of LED Colors
- Easy-to-Use in SMT Processing and Handling



Color	Part Number	Driving Current I <sub>F</sub> (mA)	Max. Driving Current I <sub>F</sub> (mA)	Luminous Intensity I <sub>v</sub> (mcd)		Viewing Angle 2θ <sub>1/2</sub>	Dominant Wavelength λ <sub>D</sub> (nm)	Forward Voltage V <sub>F</sub> (V)			AEC-Q102	USCAR-33
				Min.	Typ.			Typ.	Typ.	Min.		
●	EOS-9YPUCRA-KC	5	30	140	165	120°	617	1.8	1.9	2.2	Yes	Yes
●	EOS-9YUUCRA-KC	5	30	112.5	135	120°	630	1.8	1.9	2.2	Yes	Yes
●	EOS-9YBUCRA-EC	5	30	56	70	120°	468	2.6	2.8	3	Yes	Yes
●	EOS-9YFUCRA-EC	5	30	355	390	120°	525	2.4	2.6	2.8	Yes	Yes
●	EOS-9YHUCRA-EE	5	30	180	250	120°	494 (Cyan)	2.4	2.6	2.8	Yes	Yes
●	EOS-9YYUCRA-KC	5	30	112.5	140	120°	590	1.8	2	2.2	Yes	Yes
○	EOS-9YWUGBA-EC	5	30	285	360	120°	(0.32,0.33)	2.6	2.7	3	Yes	Yes
●	EOS-9YYUGRA-EC	5	30	140	200	120°	(0.572,0.424)	2.6	2.7	3	Yes	Yes

Headquarters  
**Excellence Optoelectronics Inc.**  
No. 2, Kedong 1st Road, Chunan Town, Miaoli County, Hsinchu Science Park, Taiwan 35053, R.O.C.  
Tel: 886-37-539000 Fax: 886-37-586789  
E-mail: Service@eoi.com.tw  
http://www.eoi.com.tw

USA Subsidiary  
**Excellence Opto., Inc.**  
888 S. Brea Canyon Road, Diamond Bar, CA 91789, U.S.A.  
Tel: 1-626-737-2880  
E-mail: sales@eoius.com  
http://www.eoius.com

German Subsidiary  
**EOI GmbH**  
Unterreit 6, 76135 Karlsruhe, Germany  
Tel: +49 (0)7225-1839353  
E-mail: sales@eoiauto.com

