

OPTO Semiconductor Devices

LED Lamp

F3

Lens dia. (mm)				ø3.1		ø5	
Light-emitting color		Lens					
Standard bright	Red	Red	Clear	TLR123		TLR113A	TLR113AP
			Diffused	TLR124		TLR114A	TLR114AP
		Colorless	Clear		TLR262	TLR120A	
			Diffused			TLR116A	
	Green	Green	Clear	TLG123A		TLG113A	TLG113AP
			Diffused	TLG124A		TLG114A	TLG114AP
		Light green	Clear		TLG262		
	Yellow	Yellow	Clear	TLY123		TLY113A	TLY113AP
			Diffused	TLY124		TLY114A	TLY114AP
		Light yellow	Clear		TLY262		
	Orange	Orange	Clear	TLO123		TLO113A	TLO113AP
			Diffused	TLO124		TLO114A	TLO114AP
Light orange		Clear		TLO262			
Super bright	Red	Red	Clear	TLS123		TLS113	TLS113P
			Diffused	TLS124		TLS114	TLS114P
		Light red	Clear		TLS163	TLS262	
			Diffused		TLS164		
	Green	Green	Clear				
			Diffused				
		Light green	Clear		TLG163		
			Diffused		TLG164		
	Yellow	Light yellow	Clear		TLY163		
			Diffused		TLY164		
	Orange	Light orange	Clear		TLO163		
			Diffused		TLO164		
Feature				High Luminosity	For Back lighting		

F3

Lens dia. (mm)				ø5		ø3.5	
Light-emitting color		Lens					
Standard bright	Red	Red	Clear			TLR223	
			Diffused			TLR224	
		Colorless	Clear		TLR263P		
	Green	Green	Clear			TLG223	
			Diffused			TLG224	
		Light green	Clear		TLG263P		
	Yellow	Yellow	Clear			TLY223	
			Diffused			TLY224	
	Orange	Light yellow	Clear		TLY263P		
			Orange	Clear			TLO223
		Diffused				TLO224	
	Super bright	Red	Red	Clear			
Diffused							
Light red			Clear	TLG241P	TLG255A	TLG263P	
	Diffused						
Green	Light green	Clear	TLG241P	TLG255A			
		Diffused					
Yellow	Light yellow	Clear	TLY241P	TLY255A			
		Diffused					
Orange	Light orange	Clear		TLO255A			
		Diffused					
Feature				Flangeless	For Back lighting	For Back lighting	Side View