

Specifications 3mm LEDs

Spezifikationen 3mm LEDs

Spécifications 3mm LEDs

Yellow LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour	
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)			
				min.	typ.	max.		typ.	max.		
	SLO-233Y-00011	Y33U	592	2'100	4'200	-	14°	2.25	2.60		
	SLO-233Y-00003	Y30U	592	600	1'200	-	40°	2.00	2.40		
SLO-233Y-00005	Y301	585	-	30	-	35°	2.10	2.60	diffused		
Amber LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour	
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)			
				min.	typ.	max.		typ.	max.		
	SLO-233A-00003	A301	635	-	40	-	40°	2.00	2.60		diffused
Blue LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour	
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)			
				min.	typ.	max.		typ.	max.		
	SLO-233B-00004	B71G	470	4'400	6'220	8'750	15°	3.20	3.50		waterclear
	SLO-233B-00003	B41G	462	1'380	2'500	2'760	30°	3.20	3.50		waterclear
Green LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour	
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)			
				min.	typ.	max.		typ.	max.		
	SLO-233G-00014	B41N	522	17'600	26'000	34'800	15°	3.20	3.60		waterclear
	SLO-233G-00015	B51N	522	7'400	10'800	14'800	30°	3.20	3.50		waterclear
SLO-233G-00006	B301	568	22	-	55	50°	2.20	2.60	diffused		
Red LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour	
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)			
				min.	typ.	max.		typ.	max.		
	SLO-233R-00004	R30U	635	2'800	5'500	-	40°	2.25	2.60		waterclear
	SLO-233R-00005	R301	700	-	8	-	35°	2.20	2.60		diffused
SLO-233R-00015	R33U										
White LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour	
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)			
				min.	typ.	max.		typ.	max.		
	SLO-233W-00004	W37N	5'500 - 9'000	9'480	12'900	18'960	20°	3.20	3.50		waterclear
	SLO-233W-00002	W36N	5'500 - 9'000	4'610	6'200	9'220	50°	3.20	3.50		waterclear
SLO-233W-00001	W32N	5'500 - 9'000	2'520	3'400	5'040	60°	3.20	3.50	diffused		

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				min.	typ.	max.		typ.	max.	
	SLO-234Y-00012	Y54U	593	12'000	-	27'300	15°	2.10	2.40	
	SLO-234Y-00005	Y50U	591	3'000	5'500	-	40°	2.10	2.50	
SLO-234Y-00007	Y501	591	200	500	-	40°	1.90	2.40		
Blue LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)		
				min.	typ.	max.		typ.	max.	
	SLO-234B-00010	B91G	465	4'880	9'300	13'950	15°	3.20	3.50	
	SLO-234B-00005	B21G	475	3'010	4'700	6'020	30°	3.20	3.50	
SLO-234B-00008	B61G	465	1'150	-	2'500	45°	3.20	3.60		
Green LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)		
				min.	typ.	max.		typ.	max.	
	SLO-234G-00024	G81N	525	21'650	37'700	43'300	15°	3.20	3.50	
	SLO-234G-00021	G71N	523	3'320	6'500	9'200	45°	3.20	3.50	
SLO-234G-00009	G501	574	80	250	-	44°	2.40	2.80		
Red LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)		
				min.	typ.	max.		typ.	max.	
	SLO-234R-00015	R54U	635	12'000	-	27'300	15°	2.10	2.40	
	SLO-234R-00006	R50U	627	2'500	3'200	5'500	30°	2.20	2.50	
SLO-234R-00014	R521	635	50	80	-	22°	2.00	2.60		
White LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)		
				min.	typ.	max.		typ.	max.	
	SLO-234W-00006	W55N	5'500 - 9'000	22'000	27'000	44'000	20°	3.20	3.50	
SLO-234W-00001	W50N	5'500 - 9'000	1'610	2'380	3'220	65°	3.20	3.50		
Red/Green LEDs 	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)		
				min.	typ.	max.		typ.	max.	
	SLO-2360-00009	RG5F	627 (red) 565 (green)	6 12	13 29	-	60°	2.00 2.20	2.50 2.50	
	Electro-Optical-Characteristics Ta=25°C, IF=20mA									Lens colour
	Part-no.	Old part-no.	Peak Wavelength (nm)	Luminous Intensity (mcd)			Viewing angle 2Θ1/2	Forward Voltage VF (V)		
				min.	typ.	max.		typ.	max.	
	SLO-2360-00006	RGKW common cathode	645 (red) 674 (green)	80 80	198 178	-	60°	1.95 2.10	2.50 2.50	
	SLO-2360-00007	RGVW common anode	660 (red) 565 (green)	600 80	1'195 198	-	24°	1.85 2.20	2.50 2.50	