

Colour/ Peak Wave- Length	Viewing Angle	Typ. Lum. Intensity @ 20mA (mcd) (465nm = 10mA)	V _F Typ. @ I _F	I _F max. (mA)	PIV	Mfrs. List No.	Order Code
3mm/T1, Blue Diffused Lens							
Blue, nm	60°	180	3.5	25	5	FNL-U300B07CDSL.	366-4442
Blue, nm	60°	34	3.3	15	5	FNL-U300B05CDSL.	366-4454
Blue, nm	60°	70	3.5	25	5	FNL-U300B06CDSL.	366-4466
Blue, nm	60°	24	3.7	25	5	FNL-U300B01CDSL.	366-4478
3mm/T1, Water Clear Lens							
Blue, nm	35°	910	3.5	25	5	FNL-U300B07WCSL.	366-4480
Blue, nm	35°	170	3.3	15	5	FNL-U300B05WCSL.	366-4491
Blue, nm	35°	360	3.5	25	5	FNL-U300B06WCSL.	366-4508
Blue, nm	35°	120	3.7	25	5	FNL-U300B01WCSL.	366-4510
5mm/T1¾, Blue Diffused Lens							
Blue, nm	60°	350	3.5	25	5	FNL-U500B07CDSL.	366-4521
Blue, nm	60°	45	3.3	15	5	FNL-U500B05CDSL.	366-4533
Blue, nm	60°	150	3.5	25	5	FNL-U500B06CDSL.	366-4545
Blue, nm	60°	31	3.7	25	5	FNL-U500B01CDSL.	366-4557
5mm/T1¾, Water Clear Lens							
Blue, nm	25°	2280	3.5	25	5	FNL-U501B07WCSL.	366-4569
Blue, nm	25°	340	3.3	15	5	FNL-U501B05WCSL.	366-4570
Blue, nm	25°	830	3.5	25	5	FNL-U501B06WCSL.	366-4582
Blue, nm	25°	240	3.7	25	5	FNL-U501B01WCSL.	366-4594
5mm/T1¾, Water Clear Lens							
Blue, nm	15°	3490	3.5	25	5	FNL-U500B07WCSL.	366-4600
Blue, nm	15°	450	3.3	15	5	FNL-U500B05WCSL.	366-4612
Blue, nm	15°	1470	3.5	25	5	FNL-U500B06WCSL.	366-4624
Blue, nm	15°	315	3.7	25	5	FNL-U500B01WCSL.	366-4636

229384

Colour, Peak Wavelength	Order Code	1+	25+	100+	250+	+
3mm/T1 - 60° Viewing Angle						
Blue, nm	366-4442	66.00	57.00	52.00	42.00	--
Blue, nm	366-4454	50.00	43.00	40.00	33.00	--
Blue, nm	366-4466	66.00	57.00	52.00	45.00	--
Blue, nm	366-4478	44.00	38.00	35.00	28.00	--
3mm/T1 - 35° Viewing Angle						
Blue, nm	366-4480	66.00	57.00	52.00	42.00	--
Blue, nm	366-4491	50.00	43.00	40.00	33.00	--
Blue, nm	366-4510	44.00	38.00	35.00	28.00	--
5mm/T1¾ - 60° Viewing Angle						
Blue, nm	366-4521	66.00	57.00	52.00	45.00	--
Blue, nm	366-4533	50.00	43.00	40.00	33.00	--
Blue, nm	366-4545	66.00	57.00	52.00	47.00	--
Blue, nm	366-4557	44.00	38.00	35.00	28.00	--
5mm/T1¾ - 25° Viewing Angle						
Blue, nm	366-4569	66.00	57.00	52.00	49.00	--
Blue, nm	366-4570	50.00	43.00	40.00	35.00	--
Blue, nm	366-4582	66.00	57.00	52.00	47.00	--
Blue, nm	366-4594	44.00	38.00	35.00	30.00	--
5mm/T1¾ - 15° Viewing Angle						
Blue, nm	366-4600	66.00	57.00	52.00	42.00	--
Blue, nm	366-4612	50.00	43.00	40.00	33.00	--
Blue, nm	366-4624	66.00	57.00	52.00	42.00	--
Blue, nm	366-4636	44.00	38.00	35.00	28.00	--

**Ultra-High Bright Blue and Green
3mm/T1¾ and 5mm/T1¾**



5mm/T1¾
Dia.=5.0
L=8.6
L=7.6 (884-698)

3mm/T1
Dia.=3.1
L=4.6 (942-443)
L=5.0 (942-480)

Lead pitch=2.54
Leads=25.5 x 0.5sq. (0.45sq 1000047)
Cathode identified by shorter lead, the green and blue LEDs have stand-offs

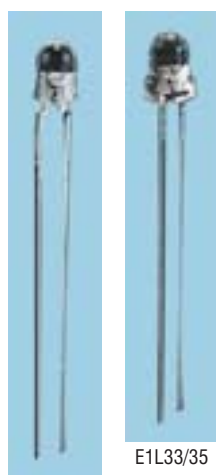
Colour	View Angle	Typ Lum Intensity @ 20mA (mcd)	I _F (mA) (max)	V _F (V) (typ)	PIV (max)	Peak Wavelength	Order Code
3mm/T1 Untinted Clear Lens							
Red	50°	1300	30	1.85	5V	660nm	942-443
Yellow	10°	1530 - 7360	50	2.1	4V	590nm	942-546
Green	15°	6800	30	3.5	5V	525nm	942-467
Blue	15°	2000	30	3.6	5V	470nm	942-479
Blue	45°	600	30	3.6	5V	470nm	942-480
Red	50°	1300	30	1.85	5V	660nm	105-7124
Yellow	10°	4445	50	2.1	4V	590nm	105-7131
Green	15°	6800	30	3.5	5V	525nm	105-7126
Blue	15°	2000	30	3.6	5V	470nm	105-7127
Blue	45°	600	30	3.6	5V	470nm	105-7128
5mm/T1¾ Untinted Clear Lens							
Red	30°	2800	30	1.85	5V	660nm	942-492
Yellow	8°	2720-12880	50	2.1	4V	590nm	942-455
Green	15°	3000	30	3.5	5V	525nm	884-698
Blue	15°	3000	30	3.6	5V	470nm	884-923
Blue	45°	700	30	3.6	5V	470nm	884-947
Red	30°	2250	30	1.85	5V	660nm	105-7129
Yellow	8°	4560	50	2.1	4V	590nm	105-7125
Green	15°	10000	30	3.5	5V	525nm	105-7119
Blue	15°	3000	30	3.6	5V	470nm	105-7120
Blue	45°	700	30	3.6	5V	470nm	105-7122

CAUTION - THESE DEVICES ARE STATIC SENSITIVE

206363

Colour	Order Code	1+	10+	25+	50+	+
3mm/T1						
Red	942-443‡	51.00	44.00	38.00	24.00	--
Yellow	942-546‡	110.00	98.00	88.00	79.00	--
Green	942-467‡	125.00	125.00	--	--	--
Blue	942-479‡	190.00	176.00	170.00	165.00	--
Blue	942-480‡	190.00	176.00	170.00	165.00	--
Red	105-7124●	51.00	44.00	38.00	24.00	--
Yellow	105-7131●	110.00	98.00	88.00	79.00	--
Green	105-7126●	125.00	125.00	--	--	--
Blue	105-7127●	190.00	176.00	170.00	165.00	--
Blue	105-7128●	190.00	176.00	170.00	165.00	--
5mm/T1¾						
Red	942-492‡	51.00	44.00	31.00	21.00	--
Yellow	942-455‡	110.00	98.00	88.00	62.00	--
Green	884-698‡	190.00	176.00	170.00	165.00	--
Blue	884-923‡	190.00	176.00	170.00	165.00	--
Blue	884-947‡	190.00	176.00	170.00	165.00	--
Red	105-7129●	51.00	44.00	31.00	21.00	--
Yellow	105-7125●	110.00	98.00	88.00	62.00	--
Green	105-7119●	190.00	176.00	170.00	165.00	--
Blue	105-7120●	190.00	176.00	170.00	165.00	--
Blue	105-7122●	190.00	176.00	170.00	165.00	--

3mm Blue, Green, Blue-Green



This series consists of blue, green and bluish-green LEDs with 20 and 40 degree viewing angles, featuring high performance with low cost. The smaller package lends itself to use in high quality home appliances, measurement and control equipment and communication applications, where space can be at a premium but visual impact cannot be compromised

	Length (mm)	Diameter (mm)	Lead length (mm)
E1L31 Series	8.65	3	25.4
E1L33 Series	8.65	3.1	24.5
E1L35 Series	8.65	3	24.5

Mfrs. List No.	Colour	Dominant Wavelength Min (nm) Max (nm)	Viewing Angle	Luminous Intensity Min (mcd) Typ (mcd)	V _F (V) I _F (mA)	Order Code
E1L31-3B0A2	Blue	465 475	20°	500 1300	3.4 30	423-7821
E1L31-AG0A2	Green	520 540	20°	1500 4200	3.4 30	423-7833
E1L31-AC1A2	Blue/Green	495 510	20°	850 1900	3.3 30	423-7845
E1L33-3B0A2-02	Blue	465 475	40°	235 470	3.4 30	423-7857
E1L33-3G0A2-02	Green	520 530	40°	1110 2525	3.3 30	423-7869
E1L35-3B0A2-02	Blue	465 475	40°	235 470	3.4 30	423-7870
E1L35-3G0A2-02	Green	520 530	40°	1555 2035	3.3 30	423-7882
E1L33-3B0A2-02	Blue	465 475	40°	235 470	3.4 30	105-7090
E1L33-3G0A2-02	Green	520 530	40°	1110 2525	3.3 30	105-7092
E1L35-3B0A2-02	Blue	465 475	40°	235 470	3.4 30	105-7093
E1L35-3G0A2-02	Green	520 530	40°	1555 2035	3.3 30	105-7094

249860

Mfrs. List No.	Order Code	1+	+	+	+	+
E1L31-3B0A2	423-7821	101.00	--	--	--	--
E1L31-AG0A2	423-7833	101.00	--	--	--	--
E1L31-AC1A2	423-7845	101.00	--	--	--	--
E1L33-3B0A2-02	423-7857‡	101.00	--	--	--	--
E1L33-3G0A2-02	423-7869‡	101.00	--	--	--	--
E1L35-3B0A2-02	423-7870‡	101.00	--	--	--	--
E1L35-3G0A2-02	423-7882‡	101.00	--	--	--	--
E1L33-3B0A2-02	105-7090●	101.00	--	--	--	--
E1L33-3G0A2-02	105-7092●	101.00	--	--	--	--
E1L35-3B0A2-02	105-7093●	101.00	--	--	--	--
E1L35-3G0A2-02	105-7094●	101.00	--	--	--	--

Agilent Technologies Light Emitting Diodes (LEDs)

**4 & 5mm - InGaN Extra Bright
Round and Oval**



Optoelectronics, Indicators, Lamps & Displays

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Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available