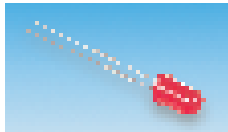


5mm Light Emitting Diodes (LEDs) — Continued

5mm/T1 $\frac{3}{4}$, Standard



L = 9.19, Dia = 5.08,
Lead pitch = 2.54, Leads = 25 0.64sq
Cathode identified by flat on body and shorter lead.
LEDs have no stand-offs, except 322-763 and 322-775



Colour	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max)	PIV (max)	Mfrs. List No.	Order Code
Wide Angle Tinted Diffused Lens						
HE Red	60°	7.0 @ 10mA	25	5	HLMP-3301	322-635
HE Red	60°	12 @ 10mA	25	5	HLMP-3762	595-524
Orange	60°	7.0 @ 10mA	25	5	HLMP-D401	322-659
Yellow	60°	4.0 @ 10mA	20	5	HLMP-3400	322-660
Yellow	60°	8.0 @ 10mA	20	5	HLMP-3401	322-672
Green	60°	5.2 @ 10mA	30	5	HLMP-3507	322-696

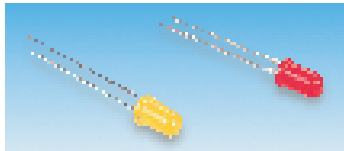
Colour	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max)	PIV (max)	Mfrs. List No.	Order Code
Narrow Angle Tinted Clear Lens						
HE Red	35°	60 @ 10mA	20	5	HLMP-3316	322-714
Yellow	35°	50 @ 10mA	20	5	HLMP-3416	322-726
Green	24°	50 @ 20mA	30	5	HLMP-3517	322-738
Green	24°	70 @ 20mA	30	5	HLMP-3519	322-740

FOR SUITABLE MOUNTING CLIP AND RING SEE ORDER CODE 233-547
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OPT69

Colour	Order Code	5+	100+	500+	1K+	2K5+
Order Multiple=5 Price Each						
HE Red	322-635					
HE Red	595-524					
Orange	322-659					
Yellow	322-660					
Yellow	322-672					
Green	322-696					
HE Red	322-714					
Yellow	322-726					
Green	322-738					
Green	322-740					

5mm/T1 $\frac{3}{4}$, Standard



VCH: L = 8.64, Dia = 5.08
Lead pitch = 2.54,
Leads = 25 0.51sq.
Cathode identified by flat on body, Cathode is shorter lead on CMD64530, longer lead on others.
TELEFUNKEN: L = 8.6, Dia = 5.1,
Lead pitch = 2.54, Leads = 25 0.63sq.
Cathode identified by flat on body and shorter lead. LED has stand-offs.



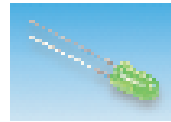
Colour	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max)	PIV (max)	Mfrs. List No.	Order Code
Tinted Diffused Lens						
Red	60°	1.6 @ 20mA	50	5	VISH TLUR5400	178-294
Red	80°	1.6 @ 20mA	100	5	SLI CMD5053	322-854
Red	150°	0.6 @ 20mA	100	5	SLI CMD5055	322-866
Red	65°	6.0 @ 20mA	35	5	SLI CMD5753	322-878
Yellow	65°	6.0 @ 20mA	35	5	SLI CMD5353	322-880
Green	65°	6.0 @ 20mA	35	5	SLI CMD64530	322-891
Tinted Clear Lens						
Red	28°	40 @ 20mA	35	5	SLI CMD5752	323-019
Yellow	28°	45 @ 20mA	35	5	SLI CMD5352	323-020
Green	35°	25 @ 20mA	35	5	SLI CMD64520	323-032

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OPT72

Colour	Order Code	5+	100+	250+	500+	1K+
Order Multiple=5 Price Each						
Red	178-294					
Red	322-854					
Red	322-866					
Red	322-878					
Yellow	322-880					
Green	322-891					
Tinted Clear Lens						
Red	323-019	5+	100+	250+	500+	1K+
Yellow	323-020					
Green	323-032					

5mm/T1 $\frac{3}{4}$, Standard



L = 8.7, Dia = 5.0
Lead pitch = 2.54, Leads = 17.8 0.64sq
Recommended lead holes=0.8 dia
Cathode identified by 'flat' on body, except bright red — anode.
LEDs have stand-offs.

LED TECHNOLOGY

Colour	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max)	PIV (max)	Peak Wavelength	Mfrs. List No.	Order Code
Tinted Diffused Lens							
Red	68°	0.8 @ 10mA	30	5	700nm	L05R5000E1	472-293
Green	68°	3.7 @ 10mA	30	5	567nm	L02R5000E1	178-310
Yellow	68°	3.1 @ 10mA	30	5	585nm	L03R5000E1	178-311
HE Red	68°	4.3 @ 10mA	30	5	635nm	L4RR5000E1	178-312
Orange	68°	4.3 @ 10mA	30	5	635nm	L08R5000E1	178-313
Ultra bright red	68°	32 @ 10mA	25	3	660nm	L07R5000E1	178-314

FOR SUITABLE MOUNTING CLIP AND RING SEE ORDER CODE 558-412,
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OPT183

Colour	Order Code	10+	100+	1K+	5K+	10K+	50K+
Order Multiple=10 Price Each							
Red	472-293						
Green	178-310						
Yellow	178-311						
HE Red	178-312						
Orange	178-313						
Ultra bright red	178-314						

5mm/T1 $\frac{3}{4}$ Standard and High Intensity



L = 8.7, Dia = 5.0, Lead pitch = 2.54, Leads = 24 0.6sq
Cathode identified by flat on body and shorter lead. LEDs have stand-offs.

Colour	View Angle	Lum Intensity (mcd) @ I _F = 10mA		I _F (mA) max.	PIV max.	Mfrs. List No.	Order Code
		min	typ				
Tinted Diffused Lens							
HE Red	60°	1.6	3.5	30	6	TLHR5400	656-689
HE Red	60°	4.0	7.0	30	6	TLHR5401	656-690
HE Red	60°	6.3	10.0	30	6	TLHR5405	656-707
Green	60°	6.3	15.0	30	6	TLHG5405	656-719
Yellow	60°	6.3	10.0	30	6	TLHY5405	656-720
Tinted Clear Lens							
HE Red	28°	10	20	30	6	TLHR5200	656-744
HE Red	28°	16	30	30	6	TLHR5201	656-756
HE Red	28°	25	40	30	6	TLHR5205	656-768
Green	28°	40	50	30	6	TLHG5205	656-770
Yellow	28°	25	50	30	6	TLHY5205	656-781
Untinted Clear Lens							
Green	8°	400*	700*	30	6	TLHG5800	656-793
Yellow	8°	100*	250*	30	6	TLHY5800	656-800
Tinted Diffused Lens-High Intensity							
Red	60°	35*	70*	50	6	TLDR5400	656-823
Untinted Clear Lens-High Intensity							
Red	8°	1000*	2500*	50	6	TLDR5800	656-835
Yellow	8°	1000*	3500*	30	5	TLHE5800	656-847
Orange	8°	1000*	3500*	30	5	TLHF5800	656-859

* If = 20mA

OPT431

Colour	Order Code	5+	25+	100+	250+	1K+
Order Multiple=5 Price Each						
HE Red	656-689					
HE Red	656-690					
HE Red	656-707					
Green	656-719					
Yellow	656-720					
HE Red	656-744					
HE Red	656-756					
HE Red	656-768					
Green	656-770					
Yellow	656-781					
Green	656-793					
Yellow	656-800					
Red	656-823					
Red	656-835					
Yellow	656-847					
Orange	656-859					