

datenblatt

Stand: Februar 2003



überreicht durch:

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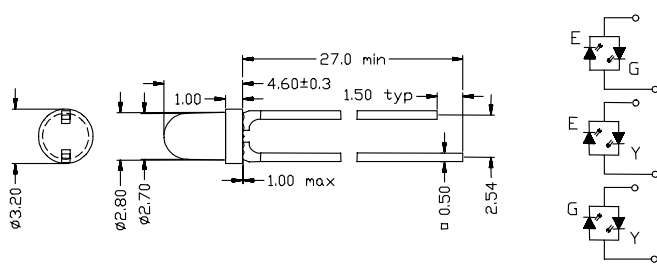
Optoelektronik

LED 3mm and 5mm Round Bi-Colour / 2 Leads

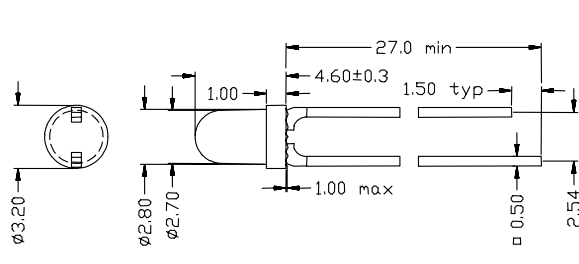
Type	Part-No.	Material	Emitting Colour/ Wave- Length λ_{Peak} [nm]	Case-Colour	Luminous Intensity I_v [mcd] $I_F=20\text{mA}$ Min. - Typ.	Viewing Angle Degrees Φ_v [°]
WU-1-81EGW	e006126	GaAsP/ GaP GaP	625 565	white-diffused	8,0 - 40,0 8,0 - 40,0	60 60
WU-1-81EYW	e006614	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	8,0 - 40,0 5,0 - 20,0	60 60
WU-1-81GYW	e006087	GaP GaAsP/ GaP	565 590	white-diffused	8,0 - 40,0 5,0 - 20,0	60 60
WU-1-82IID	e006923	GaAsP/ GaP GaAsP/ GaP	625 625	red-diffused	8,0 - 40,0 8,0 - 40,0	60 60
WU-1-82GGD	e006920	GaP GaP	565 565	green-diffused	5,0 - 20,0 5,0 - 20,0	60 60
WU-1-82YYD	e006921	GaAsP/ GaP GaAsP/ GaP	590 590	yellow-diffused	5,0 - 20,0 5,0 - 20,0	60 60
WU-1-83EGW	e006037	GaAsP/ GaP GaP	625 565	white-diffused	20,0 - 50,0 12,5 - 40,0	60 60
WU-1-83EYW	e006484	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	20,0 - 50,0 5,0 - 20,0	60 60
WU-1-83GYW	e006485	GaP GaAsP/ GaP	565 590	white-diffused	12,5 - 40,0 5,0 - 20,0	60 60

Package Dimensions

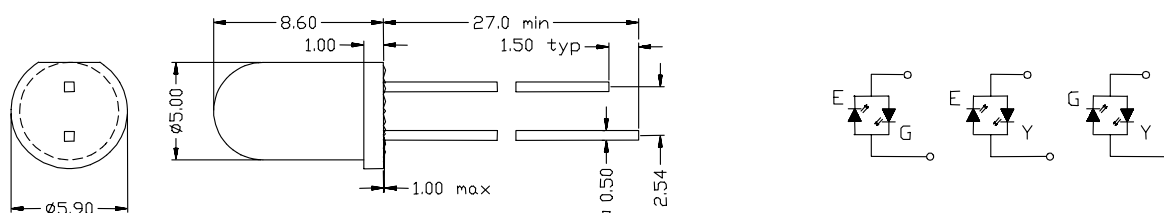
WU-1-81



WU-1-82



WU-1-83



1. All dimensions are in [mm], Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.
2. An epoxid meniscus may extend about 1.0mm down the leads.



Optoelektronik

LED 5mm, 8mm and 10mm Round / Bi-Colour / 2 Leads

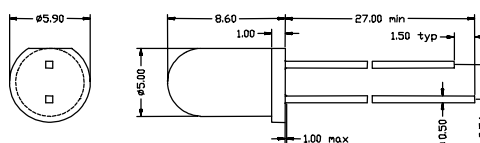
Type	Part-No.	Material	Emitting Colour/ Wave- Length λ_{Peak} [nm]	Case-Colour	Luminous Intensity I_v [mcd] $I_F=20\text{mA}$ Min. - Typ.	Viewing Angle Degrees Φ_v [°]
WU-1-84IID	e006759	GaAsP/ GaP GaAsP/ GaP	625 625	red-diffused	8,0 - 40,0 8,0 - 40,0	60 60
WU-1-84GGD	e006760	GaP GaP	565 565	green-diffused	5,0 - 20,0 5,0 - 20,0	60 60
WU-1-84YYD	e006761	GaAsP/ GaP GaAsP/ GaP	590 590	yellow-diffused	5,0 - 20,0 5,0 - 20,0	60 60
WU-1-84SRSRD	e006762	GaAlAs GaAlAs	660 660	red-diffused	80,0 - 200,0 80,0 - 200,0	60 60

WU-1-85EGW	e006763	GaAsP/ GaP GaP	625 565	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-85EYW	e006764	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-85GYW	e006765	GaP GaAsP/ GaP	565 590	white-diffused	20,0 - 60,0 20,0 - 60,0	50 50

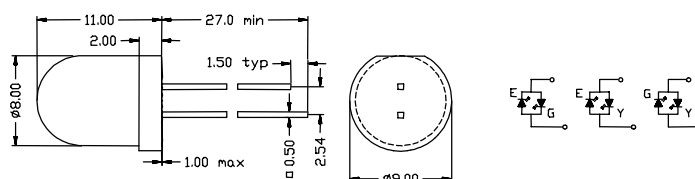
WU-1-86EGW	e006766	GaAsP/ GaP GaP	625 565	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-86EYW	e006767	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-86GYW	e006768	GaP GaAsP/ GaP	565 590	white-diffused	20,0 - 60,0 20,0 - 60,0	50 50

Package Dimensions

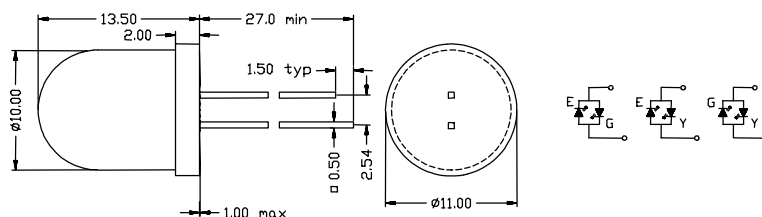
WU-1-84



WU-1-85



WU-1-86



1. All dimensions are in [mm], Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.
2. An epoxid meniscus may extend about 1.0mm down the leads.



Optoelektronik

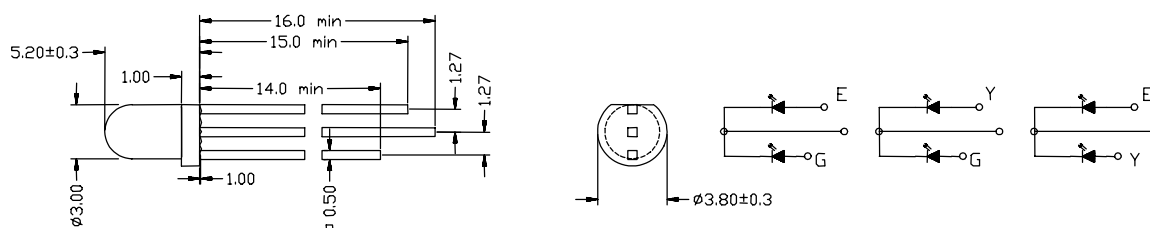
LED 3mm Round Multi-Colour / 3 Leads

Type	Part-No.	Material	Emitting Colour/ Wave- Length λ_{Peak} [nm]	Case-Colour	Luminous Intensity I_v [mcd] $I_F=10\text{mA}(20\text{mA}^*)$ Min. - Typ.	Viewing Angle Degrees Φ_v [°]
WU-3-89EGW	e006448	GaAsP/ GaP GaP	635 565	white-diffused	12,0 - 20,0 8,0 - 12,5	142 142
WU-3-89YGW	e006487	GaAsP/ GaP GaP	585 565	white-diffused	8,0 - 12,5 8,0 - 12,5	142 142
WU-3-89EYW	e006488	GaAsP/ GaP GaAsP/ GaP	635 585	white-diffused	12,0 - 20,0 8,0 - 12,5	142 142

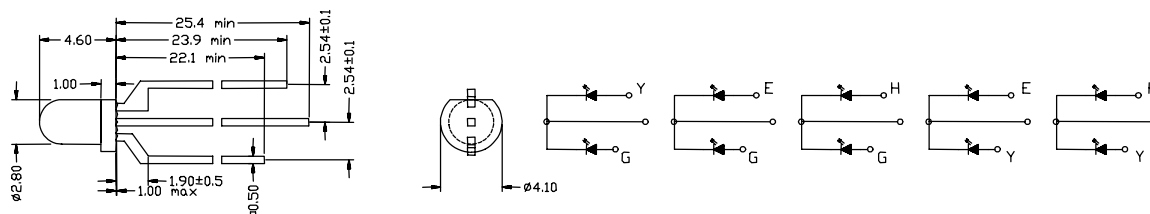
WU-1-90GYW	e006863	GaP GaAsP/ GaP	565 590	white-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60
WU-1-90EGW	e006609	GaAsP/ GaP GaP	625 565	white-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60
WU-1-90EYW	e006039	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60
WU-1-90GGD	e005025	GaP GaP	565 565	green-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60
WU-1-90YYD	e005026	GaAsP/ GaP GaAsP/ GaP	590 590	yellow-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60
WU-1-90EED	e005027	GaAsP/ GaP GaAsP/ GaP	625 625	orange-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60
WU-1-90IID	e005028	GaAsP/ GaP GaAsP/ GaP	625 625	red-diffused	20,0 - 50,0* 20,0 - 50,0*	60 60

Package Dimensions

WU-3-89



WU-1-90



1. All dimensions are in [mm], Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.
2. An epoxid meniscus may extend about 1.0mm down the leads.

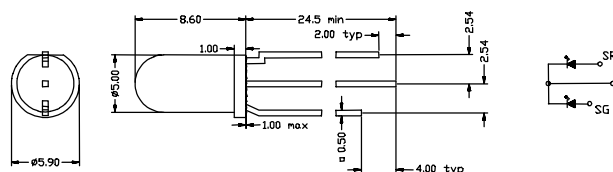


LED 5mm Round Multi-Colour / 3 Leads

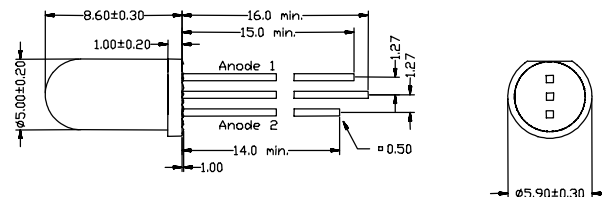
WU-3-90EGW	e005980	GaAsP/ GaP	635	white-diffused	12,0 - 20,0	130
		GaP	565		8,0 - 12,5	130
WU-3-90YGW	e005979	GaAsP/ GaP	585	white-diffused	8,0 - 12,5	130
		GaP	565		8,0 - 12,5	130

Package Dimensions

WU-1-91 SRGW-CC/SRSGC-CC



WU-3-90 EGW/YGW



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2. An epoxid meniscus may extend about 1.0mm down the leads.



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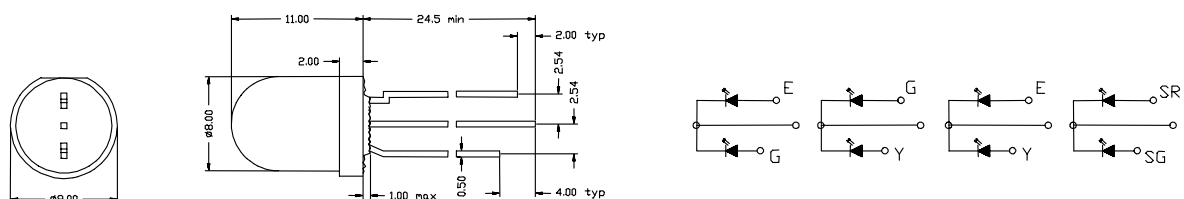
LED 8mm and 10mm Round Multi-Colour/3 Leads

Type	Part-No.	Material	Emitting Colour/ Wave- Length λ_{Peak} [nm]	Case-Colour	Luminous Intensity I_v [mcd] $I_F=20\text{mA}$ Min. - Typ.	Viewing Angle Degrees Φ_v [°]
WU-1-92EGW	e006509	GaAsP/ GaP GaP	625 565	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-92GYW	e006510	GaP GaAsP/ GaP	565 590	white-diffused	20,0 - 60,0 20,0 - 60,0	50 50
WU-1-92EYW	e006511	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-92SRSGW CC	e006512	GaAlAs GaP	660 565	white-diffused	100,0 - 300,0 40,0 - 70,0	50 50

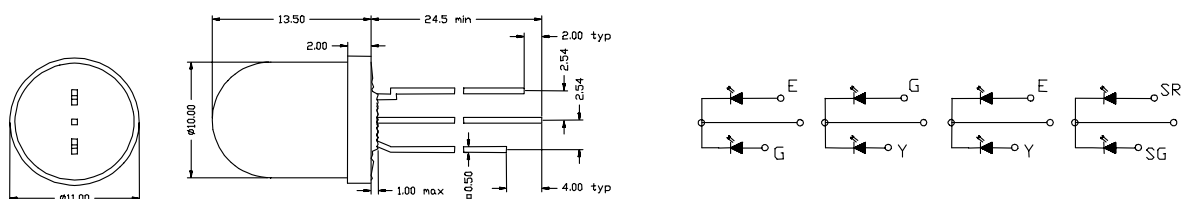
WU-1-93EGW	e006513	GaAsP/ GaP GaP	625 565	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-93GYW	e006514	GaP GaAsP/ GaP	565 590	white-diffused	20,0 - 60,0 20,0 - 60,0	50 50
WU-1-93EYW	e006515	GaAsP/ GaP GaAsP/ GaP	625 590	white-diffused	30,0 - 90,0 20,0 - 60,0	50 50
WU-1-93SRSGW CC	e006516	GaAlAs GaP	660 565	white-diffused	100,0 - 300,0 40,0 - 70,0	50 50

Package Dimensions

WU-1-92



WU-1-93



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2. An epoxid meniscus may extend about 1.0mm down the leads.