

**EN** - For pricing and availability in your local country please visit one of the below links:

**DE** - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

**FR** - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[PSG91862](#)

[PSG91863](#)

[PSG91864](#)

[PSG91865](#)

[PSG91866](#)

[PSG91869](#)

[PSG91871](#)

[PSG91873](#)

**EN**

This Datasheet is presented by  
the manufacturer

**DE**

Dieses Datenblatt wird vom  
Hersteller bereitgestellt

**FR**

Cette fiche technique est  
présentée par le fabricant

# TECHNICAL DATA SHEET

**PRO-SIGNAL**

RoHS  
Compliant

## 5mm Diffused LEDs



Part No.	Pack Size	Colour	Wave Length at IF = 20mA			Forward Voltage (VF) at IF =20mA		Luminous Intensity at IF = 20mA	
			Min.	Typ.	Max.	Min.	Max.	Min.	Max.
PSG91860	10	Red	620nm		630nm	1.9V	2.1V	200mcd	300mcd
PSG91861		Green	565nm		575nm	1.9V	2.1V	50mcd	60mcd
PSG91862		Pure Green	520nm		525nm	3V	3.2V	1800mcd	2000mcd
PSG91863		Yellow	587nm		590nm	1.9V	2.1V	100mcd	150mcd
PSG91864		Blue	460nm	465nm	470nm	1.9V	2.1V	300mcd	400mcd
PSG91865		Warm White	3000k		4000k	3V	3.4V	3000mcd	4000mcd
PSG91866		Cool White	6000k		6500k	3V	3.4V	3000mcd	4000mcd
PSG91867	100	Red	620nm		630nm	1.9V	2.1V	200mcd	300mcd
PSG91868		Green	565nm		575nm	1.9V	2.1V	50mcd	60mcd
PSG91869		Pure Green	520nm		525nm	3V	3.2V	1800mcd	2000mcd
PSG91870		Yellow	587nm		590nm	1.9V	2.1V	100mcd	150mcd
PSG91871		Blue	460nm	465nm	470nm	1.9V	2.1V	300mcd	400mcd
PSG91872		Warm White	3000k		4000k	3V	3.4V	3000mcd	4000mcd
PSG91873		Cool White	6000k		6500k	3V	3.4V	3000mcd	4000mcd

**Important Notice:** This data sheet and its contents (the "Information") belong to pro-SIGNAL. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but pro-SIGNAL assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where pro-SIGNAL was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict pro-SIGNAL's liability for death or personal injury resulting from its negligence.

**PRO-SIGNAL**

# TECHNICAL DATA SHEET

**PRO-SIGNAL****RoHS  
Compliant**

Cont.

Part No.	Part Size	Colour	Viewing Angle	Max. Power Dissipation	Recommended Operating Forward Current	Max. Forward Current (IFM)	Reverse Voltage
PSG91860	10	Red	60°	120mW	15mA to 18mA	30mA	5V
PSG91861		Green	60°				
PSG91862		Pure Green	90°	80mW			
PSG91863		Yellow	60°				
PSG91864		Blue	60°	120mW			
PSG91865		Warm White	40°				
PSG91866		Cool White	40°	80mW			
PSG91867	100	Red	60°	120mW			
PSG91868		Green	60°				
PSG91869		Pure Green	90°	80mW			
PSG91870		Yellow	60°				
PSG91871		Blue	60°	120mW			
PSG91872		Warm White	40°				
PSG91873		Cool White	40°	80mW			

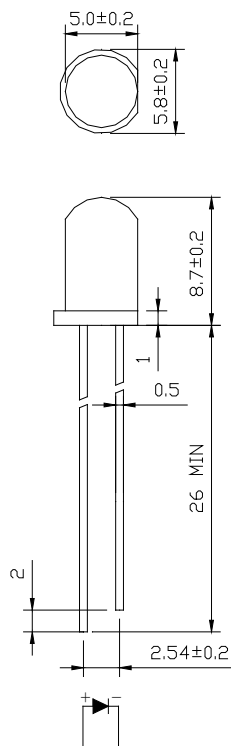
**Important Notice:** This data sheet and its contents (the "Information") belong to pro-SIGNAL. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but pro-SIGNAL assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where pro-SIGNAL was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict pro-SIGNAL's liability for death or personal injury resulting from its negligence.

**PRO-SIGNAL**

# TECHNICAL DATA SHEET

**PRO-SIGNAL**

RoHS  
Compliant



**Important Notice:** This data sheet and its contents (the "Information") belong to pro-SIGNAL. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but pro-SIGNAL assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where pro-SIGNAL was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict pro-SIGNAL's liability for death or personal injury resulting from its negligence.

**PRO-SIGNAL**

**EN** - For pricing and availability in your local country please visit one of the below links:

**DE** - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

**FR** - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[PSG91862](#)

[PSG91863](#)

[PSG91864](#)

[PSG91865](#)

[PSG91866](#)

[PSG91869](#)

[PSG91871](#)

[PSG91873](#)

**EN**

This Datasheet is presented by  
the manufacturer

**DE**

Dieses Datenblatt wird vom  
Hersteller bereitgestellt

**FR**

Cette fiche technique est  
présentée par le fabricant