



LEDDriving[®] replacement lamps

























































Exchange overview

Light is OSRAM

OSRAM

OSRAM LEDriving® replacement lamps

Exchange overview for forward lighting^{1,2}

			Conventional lamps	OSRAM LEDriving® HL		
	V	Application	Product reference	Product reference	K	
P14.5s (H1)	12	 	64150 	64150DWBRT 	6000	
P43t/ PU43t-3 (H4/H19)	12	 	64193 64181L 	64193DWESY 64193DWBRT 64193DWINT 	6000	
PX26d/ PY26d-1 (H7/H18)	12	 	64210 64180L 	64210DWESY 64210DWBRT 64210DWINT 	6000	
PGJ19-2/ PGJ19-5/ PGJ19-1/ PGJ19-3 (H8/H11/ H16/H9)	12	 	64212 64211 64219L+ 64213 	64211DWBRT 	6000	
P20d/ PY20d/ PX20d (HB3/H10/ HIR1)	12	 	9005 9145 9011 	9005DWBRT 	6000	
P22d/PX22d (HB4/HIR2)	12	 	9006 9012 	9006DWBRT 	6000	
P26.4t (H13)	12	 	9008 	9008DWBRT 	6000	
PGJ23t-1 (H15)	12	 	64176 	64176DWESY 	6000	
			Conventional lamps	OSRAM LEDriving® FL		
PGJ19-1 (H8) PGJ19-2 (H11) PGJ19-3 (H16)	12	  	64212 64211 64219 	67219CW 	6000	
PY20d (H10)	12		9145 	9745CW 	6000	
PG20-7 (PSX24W)	12		5202 	2604CW 	6000	

¹ These products do not have ECE approval and must not be used on public roads in any exterior application. Public roads use leads to cancellation of operating license and loss of insurance coverage. Several countries forbid sale and use of these products. Please contact your local distributor for further information.

² LEDriving® SMART CANBUS and LEDriving® CANBUS CONTROL UNIT avoid error messages on the on-board computer when using LED lamps.

Exchange overview for forward lighting^{1,2}

			Conventional lamps		OSRAM LEDriving® SL		
	V	Application	Product reference		Product reference	K	
PG18.5d-1 (P13W)	12		828		828DWP	6000	
PG20-1 (PS19W)	12		5201		5201DWP	6000	
W2.1x9.5d (W5W)	12	           	2820 2821 2825 2829X 2885X 2886X 2888		2825DWP 2825DRP	6000	
W2.1x9.5d (W5W/WY5W)	12	     	2827NA		2827DYP	6000	
W2.1x9.5d (W16W)	12	  	921		921DWP 921DRP	6000	
SV8.5-8 31mm, 36mm (C5W), 41mm	12	       	6438 6418 6413		6438DWP 6418DWP 6413DWP	6000	

Exchange overview for forward lighting^{1,2}

			Conventional lamps	OSRAM LEDriving® SL				
	V	Application	Product reference		Product reference	K		
BA15s (P21W)	12	       	7506		7506DWP 7506DRP 7506DYP		6000	
BAU15s (PY21W)	12		7507		7507DYP		6000	
W3x16q (W21/5W)	12	    	7515		7515DWP 7515DRP 7515DYP		6000	
W3x16d (W21W)	12	       	7505		7505DWP 7505DRP 7505DYP		6000	
WX3x16d (WY21W)	12		7504		7504DYP		6000	
BAY15d (P21/5W)	12	        	7528		7528DWP 7528DRP 7528DYP		6000	



Find out more online

Visit www.osram.com/ledupgrade to discover our complete portfolio.




Exchange overview for forward lighting^{1,2}

		Conventional lamps		OSRAM LEDriving® SL			
	V	Application	Product reference		Product reference	K	
W2.5x16q (P27/7W)	12		3157		3157DWP 3157DRP 3157DYP	6000	
BA9s (T4W)	12		3893		3893DWP	6000	
BA15s (R5W)	12		5007		5007DWP	6000	
BA15s (R10W)	12		5008		5008DWP	6000	
W2x4.6d (T5/ W2.3W)	12		2721 2722 2723		2723DWP	6000	

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






² LEDriving® SMART CANBUS and LEDriving® CANBUS CONTROL UNIT avoid error messages on the on-board computer when using LED lamps.

Colour information

LED colour	Use behind red glass	Use behind clear glass	Use behind amber glass
 Red (tail light, brake light)	Yes	Not recommended	Not recommended
 White (daytime running light, reversing light, license plate light, parking light)	Not recommended	Yes	Not recommended
 Amber (indicator light, side marker light)	Not recommended	Yes	Yes

Choosing the right colour LED lamp can affect the quality and intensity of light output on your vehicle.

Application information

	Low beam		Dome light
	High beam		Glovebox light
	Daytime running light		Legroom light
	Fog light		Reading light front
	Rear fog light		Reading light behind
	Indicator light		Make-up mirror/visor light
	Tail light		Door/side light
	Reversing light		Trunk light
	Parking/marketing light/position light		Engine compartment light
	Brake light/third braking light		
	Additional brake light		
	License plate light		

All you need to know about automotive lighting – and more

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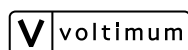
www.osram.com/automotive

For comprehensive information on the LEDriving® replacement lamps portfolio, including videos, downloads and special campaigns, go to: www.osram.com/ledupgrade

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