

Helmet rear light Dräger HPS[®] BuddyLight

Technical Data Sheet

General information		
Description and part number	Dräger HPS [®] BuddyLight AH00457	
Picture		
Features	 Helmet rear light with LED technology as a warning and marking light for all firefighting operations, especially in poor visibility conditions. Optional accessory integrated into the helmet design of the Dräger firefighter helmets Specially developed for fire & rescue operations Adapted to the back side of the helmet via an adapter with a bayonet-type connector fitted to the helmet shell by double-sided adhesive tape Adapter is attached to the back of the helmet shell by means of high-quality, very adhesive and high thermally resistant, double-sided adhesive tape Powered by commercially available CR2032 coin cells Seven modes in three colours (blue, white and red) that are either continuously on/off or flashing Memory effect: the last used light mode is saved when switching off and directly displayed again when switching on 	



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Material	Upper part of housing, translucent	Apec [®] (polycarbonat)	
	Housing base incl. battery cover	LEXAN [®] (polycarbonat)	
	Adapter for HPS BuddyLight	Stanyl [®] (polyamide)	
	Adhesive tape for attaching the adapter to the helmet	Double-sided high-performance adhesive tape made of modified acrylate adhesive	
Material properties	 Apec[®]: High temperature resistant thermoplastic (copolycarbonat), Excellent translucence High heat resistance High robustness and shock resistance LEXAN [®] : Temperature resistant thermoplastic High robustness and shock resistance Stanyl [®] : High temperature resistant polyamide Double-sided high-performance adhesive tape 0,6 mm thick double-sided adhesive tape from 3M High-performance, durable and temperature-resistant durability and adhesion 		
Weight	approx. 26 g (with batteries)		
Dimensions	approx. 50 mm x 41 mm x 16 mm		
	(Length x Width x Height)		
Lighting Technology / lighting levels	6 LEDs Steady light mode in the following of Flashing light mode in the following		
Operation time	 Up to 10 hours continuous operation in a single color flashing mode Up to 5 hours continuous operation in a constant light mode /or in dual color flashing mode 		
Power supply	2 Lithium coin cell 3V batteries - CR2032		
Operating temperature	-30 ~ +80 °C		



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Approval and compatibility			
Approvals	CE-marking		
	In the helmet system with the firefighter helmets of the Dräger HPS [®] portfolio approved according to the corresponding helmet standards.		
International Protection code	IP 54		
Certified with the following helmets	Präger HPS® SafeGuardPräger HPS® 7000Präger HPS® 4500Dräger HPS® 3500		
Marking	HPS BuddyLight Dräger AH00457 An der Unterseite des Gehäuse des HPS BuddyLight Bestellnummer, Seriennummer Made in China Sperr-/Entsperrposition Kennzeichnung der Polarität "+/-"		
Service and logistics			
Maintenance/ cleaning	 Replacing the batteries as required If necessary, clean the housing and the adapter with a soft brush or cloth and lukewarm soapy water. Subsequently dry well. Do not use solvents (e.g. acetone, alcohol) or cleaning agents with abrasive particles. Do not permanently immerse/submerge in water. 		
Packaging and scope of delivery	Packed in a PE bag in folding carton with instructions for use. 2x Lithium coin cell batteries CR2032 and adapter included.		
Service life	Unlimited service life		
G-TIN-Number	04048675652267		
Customs tariff number	85318070000		
Country of origin	CN (China)		