


# Helmet rear light Dräger HPS® BuddyLight

## Technical Data Sheet

General information	
Description and part number	<b>Dräger HPS® BuddyLight</b> AH00457
Picture	
Features	<ul style="list-style-type: none"> <li>• Helmet rear light with LED technology as a warning and marking light for all firefighting operations, especially in poor visibility conditions.</li> <li>• Optional accessory integrated into the helmet design of the Dräger firefighter helmets</li> <li>• Specially developed for fire &amp; rescue operations</li> <li>• 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</li> <li>• 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</li> <li>• Powered by commercially available CR2032 coin cells</li> <li>• Seven modes in three colours (blue, white and red) that are either continuously on/off or flashing</li> <li>• Memory effect: the last used light mode is saved when switching off and directly displayed again when switching on</li> </ul>




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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	<p>Apec®:</p> <ul style="list-style-type: none"> <li>• High temperature resistant thermoplastic (copolycarbonat),</li> <li>• Excellent translucence</li> <li>• High heat resistance</li> <li>• High robustness and shock resistance</li> </ul> <p>LEXAN®:</p> <ul style="list-style-type: none"> <li>• Temperature resistant thermoplastic</li> <li>• High robustness and shock resistance</li> </ul> <p>Stanyl®:</p> <ul style="list-style-type: none"> <li>• High temperature resistant polyamide</li> </ul> <p>Double-sided high-performance adhesive tape</p> <ul style="list-style-type: none"> <li>• 0,6 mm thick double-sided adhesive tape from 3M</li> <li>• High-performance, durable and temperature-resistant durability and adhesion</li> </ul>	
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	<p>6 LEDs</p> <p>Steady light mode in the following colours:   blue, red, white</p> <p>Flashing light mode in the following colours:   blue, red, white   blue/red in alternation</p>	
Operation time	<ul style="list-style-type: none"> <li>• Up to 10 hours continuous operation in a single color flashing mode</li> <li>• Up to 5 hours continuous operation in a constant light mode /or in dual color flashing mode</li> </ul>	
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	 <div style="display: flex; justify-content: space-around; text-align: center;"> <div>Dräger HPS® SafeGuard (EN, NFPA &amp; AS/NZS)</div> <div>Dräger HPS® 7000</div> <div>Dräger HPS® 4500</div> <div>Dräger HPS® 3500</div> </div>					
Marking	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">  </div> <table border="1" style="font-size: small;"> <tr> <td rowspan="4" style="width: 50px; vertical-align: middle;">An der Unterseite des Gehäuse des HPS BuddyLight</td> <td>CE-Kennzeichnung</td> </tr> <tr> <td>Bestellnummer, Seriennummer</td> </tr> <tr> <td>Sperr-/Entsperrposition</td> </tr> <tr> <td>Kennzeichnung der Polarität „+/-“</td> </tr> </table> </div>	An der Unterseite des Gehäuse des HPS BuddyLight	CE-Kennzeichnung	Bestellnummer, Seriennummer	Sperr-/Entsperrposition	Kennzeichnung der Polarität „+/-“
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	Bestellnummer, Seriennummer					
	Sperr-/Entsperrposition					
	Kennzeichnung der Polarität „+/-“					
Service and logistics						
Maintenance/ cleaning	<ul style="list-style-type: none"> <li>Replacing the batteries as required</li> <li>If necessary, clean the housing and the adapter with a soft brush or cloth and lukewarm soapy water. Subsequently dry well.</li> <li>Do not use solvents (e.g. acetone, alcohol) or cleaning agents with abrasive particles. Do not permanently immerse/submerge in water.</li> </ul>					
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)					