


Helmet rear light Dräger HPS® BuddyLight

Technical Data Sheet

General information	
Description and part number	Dräger HPS® BuddyLight AH00457
Picture	
Features	<ul style="list-style-type: none"> • 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

Helmet rear light



Dräger HPS® BuddyLight

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Technical data		
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"> • High temperature resistant thermoplastic (copolycarbonat), • Excellent translucence • High heat resistance • High robustness and shock resistance <p>LEXAN®:</p> <ul style="list-style-type: none"> • Temperature resistant thermoplastic • High robustness and shock resistance <p>Stanyl®:</p> <ul style="list-style-type: none"> • High temperature resistant polyamide <p>Double-sided high-performance adhesive tape</p> <ul style="list-style-type: none"> • 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	<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</p> <p style="text-align: right;">blue/red in alternation</p>	
Operation time	<ul style="list-style-type: none"> • 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	 <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>Dräger HPS® SafeGuard (EN, NFPA & AS/NZS)</p> </div> <div style="text-align: center;"> <p>Dräger HPS® 7000</p> </div> <div style="text-align: center;"> <p>Dräger HPS® 4500</p> </div> <div style="text-align: center;"> <p>Dräger HPS® 3500</p> </div> </div>								
Marking	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; padding: 5px; background-color: #333; color: white; width: 150px;"> <p>HPS BuddyLight AH00457 Made in China</p> </div> <table border="1" style="border-collapse: collapse; width: 150px;"> <tr> <td style="font-size: 8px;">An der Unterseite des Gehäuse des HPS BuddyLight</td> <td style="font-size: 8px;">CE-Kennzeichnung</td> </tr> <tr> <td></td> <td style="font-size: 8px;">Bestellnummer, Seriennummer</td> </tr> <tr> <td></td> <td style="font-size: 8px;">Sperr-/Entsperrposition</td> </tr> <tr> <td></td> <td style="font-size: 8px;">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"> 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. <div style="float: right; text-align: center;">  </div>								
Service life	Unlimited service life								
G-TIN-Number	04048675652267								
Customs tariff number	85318070000								
Country of origin	CN (China)								




Integrated helmet lamp Dräger HPS® FlashLight

Technical Data Sheet

General Information		
Description and part number	Dräger HPS® FlashLight R79013	
Picture		
Features	<ul style="list-style-type: none"> • Explosion-proof LED helmet lamp integrated in the helmet design of the Dräger firefighter helmets as optional accessory • Specially designed for use in fire fighting operation • Centrally positioned on the front plate and providing an effective glare shield • Changes the centre of gravity of the helmet only very slightly and thus supports a very high wearing comfort of the helmet • Provides central and comprehensive illumination of your direct working area in the range 0.5-12 m • 3W high-performance Power LED has four light modes and three lighting levels (bright, dimmed, flashing, off) • Powered by two commercially available AA batteries • Integrated function and battery test, battery status is displayed during use 	
Technical Data		
Material	Thermoplastic composite consisting of fibreglass-reinforced material (PA-GF)	
Material properties	PA-GF: <ul style="list-style-type: none"> • high-temperature resistant • excellent rigidity 	
Weight	approx. 80 g without batteries approx. 125 g with batteries	
Dimensions	ca. 105 mm x 55 mm x 43 mm (Length x Breite x Höhe)	
Lighting Technology	3W Power-LED	
Luminous flux, lighting levels & operation time	bright (43 lm)	approx. 5 hours in continuous operation
	dimmed (25 lm)	approx. 11 hours in continuous operation
	"flashing light" with changing performance (43 lm/0 lm)	approx. 10 hours in continuous operation
Light range	approx. 50 m - with regard to illumination range and glare reduction optimized for the direct working area up to approx. 12 m	

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Power supply	2 AA/LRMN1500 alkaline batteries	
Maximum continuous operating temperature	approx. 130°C	
Operating temperature according to ATEX - approval	Depending on the battery type: <ul style="list-style-type: none"> -20°C ... +50°C (if using Duracell Procell MN 1500, Duracell Plus Power MN 1500, Varta Energy 4106, Varta Industrial 4006 or Varta Longlife 4106) -20 °C ... +40 °C (if using Varta Powerone 4106 oder Panasonic Powerline LR6) 	
Approvals and compatibility		
Approvals	ATEX: II 2G Ex ib IIC T4/T3 Gb IECEx: Ex ib IIC T4/T3 Gb	
International Protection code	IP 67	
Approved with the following helmets		
	Dräger HPS® SafeGuard EN/ISO Dräger HPS® SafeGuard NFPA Dräger HPS® SafeGuard AS/NZS	Dräger HPS® 7000
Marking		

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Service and logistics	
Maintenance/ cleaning	<ul style="list-style-type: none">• Replacing the batteries as required or according to the battery capacity indicator• If necessary, clean the housing 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 PE bag in folding carton with instructions for use. 2x AA/LRMN1500 alkaline batteries included.
Service life	Unlimited service life
G-TIN number	04048675577140
Customs tariff number	85131000000
Country of origin	DE (Germany)