PERFORMANCE **STANDARDS AND RATINGS**

ANSI STANDARDS (American National Standards Institute)

Why create standards? While Peli was one of the first manufacturers to use quantifiable test procedures, the need was recognised to develop a common language that customers could use to select the right torch for their specific needs. As a result, the American National Standards Institute (ANSI) with input from the light industry, developed performance standards and symbols to effectively communicate a light's features and benefits.





These standards are accredited by ANSI, which is a private non-profit organisation that oversees the development of voluntary consensus standards for products, services, processes, systems, and personnel in the United States.

The organisation also coordinates U.S. standards with international standards so American products can be used globally. Resulting ANSI/NEMA FL 1 Standards include the six criteria described below:



LIGHT OUTPUT ht Output is the total ous flux. It is the tot tity of emitted overa

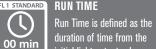
light energy as measured by integrating the entire angula output of the portable light source. Light output in this standard is expressed in units of lumens.

WATER RESISTANT

ter Resistant – IPX4

ce from any direct

shall have no harmful effect



000m

ation of time from the itial light output value – defined as 30 seconds after the point the device is first turned on – using fresh batteries, until the light output reaches 10% of the initial value.

Water Proof – IPX7 – Ingress

of water in quantities causing harmful effects shall not be

under standardised conditions

of pressure and time.

WATER PROOF/



BEAM DISTANCE m Distance is defined as he distance from the devi

t which the light beam is 0.25 lux (0.25 lux is approximately the equivalen of the light emitted from the full moon "on a clear night in an open field").



Peak Beam Intensity is the kimum luminous intensity pically along the central axis of a cone of light. The value is reported in candela and does not change with distance.

Submersible – IPX8 – Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be stated by <u>manufacturer, but which are more severe</u> possible when the enclosure is manufacturer, b temporarily immersed in water than for IPX7.

IS MY TORCH CORRECTLY CERTIFIED BY ATEX?

To meet the exacting requirements of ATEX directive 94/9/EC, Peli Lights are tested to ensure that they pose no threat of ignition when operating within hazardous locations. Using approved laboratories, the lights are tested to ensure that they will withstand rigorous impact and drop tests, severe environmental exposure and meet a minimum of IP54 water and dust ingress protection. Longevity and safety are assured by design. Each light certified by ATEX should have a code printed on its body. This code advises the user as to the area in which it can be safely used without risk of explosion.

Need more information about ATEX? Please visit www.peli.com













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FOR THE FULL LINE OF PELI PROTECTOR CASES™ GO TO WWW.PELI.COM

LIGHTS

PELI LEGENDARY GUARANTEE OF EXCELLENCE: Peli Products, S.L.U. guarantees its lights for a lifetime* against breakage or defects in workmanship. This guarantee does not cover the lamp or batteries. All warranty claims of any nature are barred if the light has been altered, damaged or in any way physically changed, or subjected to abuse, misuse, negligence or accident. *Lifetime guarantee not applicable where prohibited by law.

For complete warranty details, see http://www.peli.com/en/content/guarantee-excellence

EUROPE

www.peli.com

Lifetime Guarantee does not cover Roto Moulded cases, AALG products or fabric portion of backpacks.

U.S.A.

U.S.A. & GLOBAL HEADOUARTERS 23215 Early Avenue Torrance, CA 90505 USA Tel 310.326.4700 800.473.5422 (Outside CA) Fax 310.326.3311

DEERFIELD PELI HARDIGG CASES USA HFADOUARTERS 147 North Main Street South Deerfield, MA 01373 Tel (800) 542-7344 Fax (413) 665-8330

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* We also have offices in Canada, Japan, China, Australia, South Korea and India



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All details included in this brochure are correct when printed but for most updated information please visit www.peli.com





* ATEX code corresponding to the 1930Z0 torch



MEET THE OTHER HALF OF PELI

The same durability and ingenuity built into every Peli light also sets our cases apart. We're protecting the world's equipment from the toughest environments.

- Watertight cases for wet conditions
- Weapon cases for military and law enforcement
- Specialised laptop and organisation solutions for off site jobs
- Micro case[™] protection for small electronics

REMOTE AREA LIGHTING SYSTEMS

PELI 1 YEAR LIMITED WARRANTY FOR AALG PRODUCTS: Peli Products, S.L.U. warrants its AALG products to the original purchaser against defects in materials and workmanship for 1 year from the date of purchase. All warranty claims of any nature are barred if the product has been altered or in any way physically changed, or subjected to abuse, misuse, negligence or accident.

For complete warranty details, see http://www.peli.com/en/content/guarantee-excellence

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ingdom	JAFZA 13 office 032, P.O.Box 261008 Jebel Ali - Dubai - United Arab Emirates Tel +971 (0)4 8876550 Fax +971 (0)4 8876549	PELI-HARDIGG FRANC CASE CENTER 20/22 Rue des Petits Hôtels 75010 Paris, France Tel +33 (0) 1 44 83 95 63			

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> SPECIFICATIONS AND FEATURES

CAT. No	BATTERIES	LAMP	WEIGHT W Batteries (gr)	LENGTH (CM)	ANSI LIGHT Output (Lumens)	ANSI Runtime	ANSI BEAM Distance	ANSI PEAK Beam Intensity	ANSI WATERPROOF Submersible Water resistant	ATEX (Ex) & EU APPROVALS*	COLOURS
1900	2 AAA Alkaline*	Xenon	45	10,4	11	1h 30m	45m	571cd	IPX7		
1910	1 AAA Alkaline*	LED	40	9,1	39	1h	62m	967cd	IPX4		
1920	2 AAA Alkaline*	LED	60	13,5	67	2h 45m	81m	1648cd	IPX4		
2250	2 AA Alkaline*	Xenon	85	9,8	7	5h 30m	54m	726cd	IPX4		
2300	2 AA Alkaline*	Xenon	96	14,3	11	4h 30m	43m	478cd	IPX4		
2340	2 AA Alkaline**	Xenon	99	15,9	10	4h 30m	43m	461cd	IPX4		
1800	2 C Alkaline	Xenon	221	15,2	21	7h	131 m	4370cd	IPX7		
2000	3 C Alkaline	Xenon	363	19,8	53	5h	158m	6234cd	IPX7		
2400	4 AA Alkaline*	Xenon	201	16,5	45	3h 45m	125m	3934cd	IPX7		
2450	Rech. 4 AA NiMH*	Xenon	221	16,5	35	3h 30m	122m	3735cd	IPX7		
2320	2 CR123 Lithium*	Xenon	159	14	82	1h 15m	145m	5260cd	IPX4		
3320	2 CR123 Lithium*	Xenon	98	13,4	81	1h 30m	131 m	4330cd	IPX4		
8050	Rech. 4 C Ni-MH*	Xenon	508	28,6	154	2h 15m	257m	16,535cd	IPX4		
2330	2 CR123 Lithium*	LED	156	14	100	6h	93m	2184cd	IPX4		
2360	2 AA Alkaline*	LED	153	15,7	110	2h	158m	6242cd	IPX4		
2370	2 AA Alkaline	LED	184	16,3	106	3h 45m	158m	6283cd	IPX4		
2390	2 CR123 Lithium*	LED	159	13,5	177	2h 30m	155m	6002cd	IPX4		
3330	2 CR123 Lithium*	LED	98	13,4	90	4h 45m	88m	1959cd	IPX4		
7060	Rech. 3.7v, 2200mAh Lithium-Ion*	LED	290	22	164	2h 15m	243m	14,768cd	IPX4	E-mark	
8060	Rech. 4 C SIZE Ni-MH*	LED	660	32,2	180	7h	277m	19,187cd	IPX4	E-mark	
1930	4 LR 44 Alkaline*	LED	25	6,7	130	4h 15m	17m	70cd	IPX4		
2010	3 C Alkaline	LED	380	20,6	109	32h	144m	5189cd	IPX7		
2220	2 CR2032 Lithium*	LED	28	8,9	9	34h	12m	38cd	IPX4		
2365	2 AA Alkaline	LED	260	55,7	65	7h	81m	1644cd	IPX4		
2410	4 AA Alkaline*	LED	207	17,8	126	7h 30m	161m	6500cd	IPX7		
2460	Rech. 4 AA NiMH*	LED	221	17,8	112	4h 30m	153m	5828cd	IPX7		
2620	3 AAA Alkaline*	*Xenon/LED	136	5,5	14**, 26*	2h 15m* 18h**	44m* 29m**	491cd* 216cd**	IPX4	II 3 G EEx nL IIC T3X	
2640	4 AA Alkaline*	*Halogen/LED	309	6,7	16**, 29*	2h 45m* 17h**	46m* 20m**	586cd* 103cd**	IPX4	II 3 G EEx nL IIC T3X	-
2680	4 AA Alkaline*	Recoil [™] LED	275	11,8	79	10h	123m	3789cd	IPX7		
2710	2 AAA Alkaline*	LED	80	6,6	24* 7**	2h* 5h**	34m* 14m**	285cd* 50cd**	IPX4		
2720	3 AAA Alkaline*	LED	110	6,3	80* 5**	8h* 175h**	56m* 15m**	790cd* 60cd**	IPX4		-
1900Z1	2 AAA Alkaline*	Xenon	45	10,4	11	1h 30m	45m	571cd	IPX7	II 2G Ex e ib IIB T4, II 2D Ex ibD 21 IP67 T100°C	
1930Z0	4 LR 44 Alkaline*	LED	25	6,7	12	4h 15m	17m	70cd	IPX4	II 1 G Ex ia IIC T4/T6	
1965Z0	2 AAA Alkaline*	LED	50	13,9	21	4h	51m	756cd	IPX7	II 1 GD Ex ia IIC T4 Ga Ex iaD 20 IP65 T90°C Da	
2000Z1	3 C Alkaline	Xenon	363	19,8	39	6h	177m	7852cd	IPX7	ll 2 G Ex e ib IIC T4	
2010Z0	3 C Alkaline	LED	380	20,6	109	32h	144m	5189cd	IPX7	II 1 G Ex ia IIC T4 Ga	
2220Z1	2 CR2032 Lithium*	LED	28	8,9	9	34h	12m	38cd	IPX4	II 2 G Ex ib IIC T6	
2340Z1	2 AA Alkaline	Xenon	99	15,9	6	6h 45m	34m	285cd	IPX4	II 2 G Ex e ib IIC T4	
2400Z1	4 AA Alkaline	Xenon	201	16,5	38	4h 30m	156m	6194cd	IPX7	II 2 G Ex e ib IIC T4	
2410Z0	4 AA Alkaline	LED	207	17,8	126	7h 30m	161m	6500cd	IPX7	II 1 G Ex ia IIC T4 Ga, II 1 D Ex iaD IIIC T135°C Da IP66	
2460Z1	Rech 4 AA NiMH*	LED	221	17,8	112	4h 30m	153m	5828cd	IPX7	ll 2 G Ex ib IIC T4 Gb	
2610ZO	3 AAA Alkaline*	LED	90	3,8	30*, 14**	19h*, 47h**	28m*, 19**	194cd*, 91cd**	IPX4	II 1 G Ex ia IIC T4 Ga	
2690Z0	3 AAA Alkaline*	LED	120	7,1	60	10h 30m	81m	1664cd	IPX7	l M1 Ex ia I Ma, II 1 G Ex ia IIC T4 Ga, Ex ia IIIC T65°C Da IP65	
3610Z0	4 AA Alkaline	LED	297	19,1	126	7h 30m	161m	6500cd	IPX7	II 1 G Ex ia IIC T4 Ga, II 1 D Ex ia IIIC T135°C Da IP66	
3660Z1	Rech. 4 AA NiMH*	LED	299	19,1	112	4h 30m	153m	5828cd	IPX7	II 2 G Ex ib IIC T4 Gb	
3715Z0	4 AA Alkaline	LED	410	13,6	174* 95** 32 (Downcast) 142 (Flashing)	4h 45m* 8h 30m** 31h (Downcast) 10h (Flashing)	278m* 175m** 28m (Downcast) 278m (Flashing)	19389 cd* 8051cd** 197cd (Downcast) 19389cd (Flashing)	IPX4	II 1G Ex ia IIC T4 Ga	
1960N	2 AAA Alkaline*	LED	50	10,4	24	3h	51m	657cd	IPX8		
2010N	3 C Alkaline	LED	380	20,6	109	32h	144m	5189cd	IPX8		
2410N	4 AA Alkaline	LED	210	17,8	126	7h 30m	161m	6500cd	IPX8		
4300N	8 C Alkaline	Xenon	1.038	19	175	6h	143m	5222cd	IPX8		
9410	Rech. 4 D NiMH*	LED	1.400	22,2	741*, 300**	1h 45m* 4h 45m**	425m* 249m**	45,260cd* 15,516cd**	IPX4		
CAT.	BATTERIES	LAMP	WEIGHT W	LENGTH	LUMENS	RUNTIME	BEAM SPREAD		LAMP HEADS	APPROVALS	COLOURS
NO			BATTERIES (KG)	(CM)							
9420	Rech. Lithium ion*	Cree	3,81	157,4*	1000*, 500**	2h*, 4h**	58°	2 per head	1	CE, RoHS	
9430	12V Rech., Sealed*	High Flux LED	10,27	82*	3000*, 1500**	8h*, 15h**	125°	6 per head	1	CE, RoHS	
9430IR	12V Rech., Sealed*	Infrared 940nm LED	10	82*		8h*, 15h**		24 per head	1	CE, RoHS	
9430SL	12V Rech., Sealed*	High Flux LED	10	82*	2000*, 1000**	8h*, 15h**	10°	24 per head	1	CE, RoHS	
9435	Rech. NiMH*	High Flux LED	7,98	82*	1.500*, 750**	5h*, 10h**	90°	18 per head	1	CE, RoHS. II 3 G Ex ic IIC T4 Gc ETL, IECEx	
9440	Rech. NiMH*	LED	7,3	219*	2.400*, 1.200**	3h*, 6h**	120°	10 per head	1	CE, RoHS	
9460	12V Rech., Sealed*	High Intensity LED	23	179,9*	6000*, 500**	7h*, 40h**	90°	6 per head	2	CE, RoHS	
9470 9500	12V Rech., Sealed*	High Intensity LED High Flux LED	40 13,52	185* 52,4	12.000*, 1.000** 6.000 (White), 1.200 (Red)	7h*, 40h** Constant 120V	90° 210° (diffused)	6 per head 36 per head (24 White, 12 Red)	4	CE, RoHS CE, RoHS	
	*Batteries Included	*Primary/		*Extended	*High	*High	*High	*High		*These approvals are issued for certain batter	/ brands.
	**Batteries Included in Select Packaging	Back-up		height	**Low	**Low	**Low	**Low		Additional approvals may apply. For details go	to www.peli.com