



Our passion is to turn light into entertainment

Plusrite's excellent quality Xenon Lamps for Cinema projectors ensure the best cinema experience. We want to be the essence of your projections and of the entertainment in your cinemas.

Plusrite offers you a wide portfolio of Xenon Short Arc Lamps developed with the most advanced and unique technologies and the finest raw materials. Our top and recognized engineering team ensures high quality and efficient lamps that meet and exceed international industry standards.

> 'tstanding product performance is not only based 'high brightness and consistency, but also on life thanks to our low lamp

> > formance is not

Let us turn our light in your customers' entertainment.



The **Company**

Plusrite Electric was founded in 1986 with the vision of becoming a recognized **worldwide leader in high-quality lighting products manufacturing.**

With our emphasis on continual innovation and new product development, excellence in manufacturing and customer driven service, today Plusrite has grown into a global leader in the manufacturing and distribution of HID, LED technologies, Tungsten Halogens, Xenon Short Arc Lamp and other Specialty Lighting products.

Plusrite's Specialty Lighting Division is focused on manufacturing and delivering the finest Xenon Short Arc Lamps specially customized for the top global projectors. Our mission is to be the essence of your projections. Plusrite's top and experienced engineering team, pioneer in xenon lamps, ensures outstanding product performance. Many cinema operators are turning to Plusrite Xenon Short Arc Lamps for a unique combination of reliable, cost effective and high-quality xenon lamps for cinema projectors.

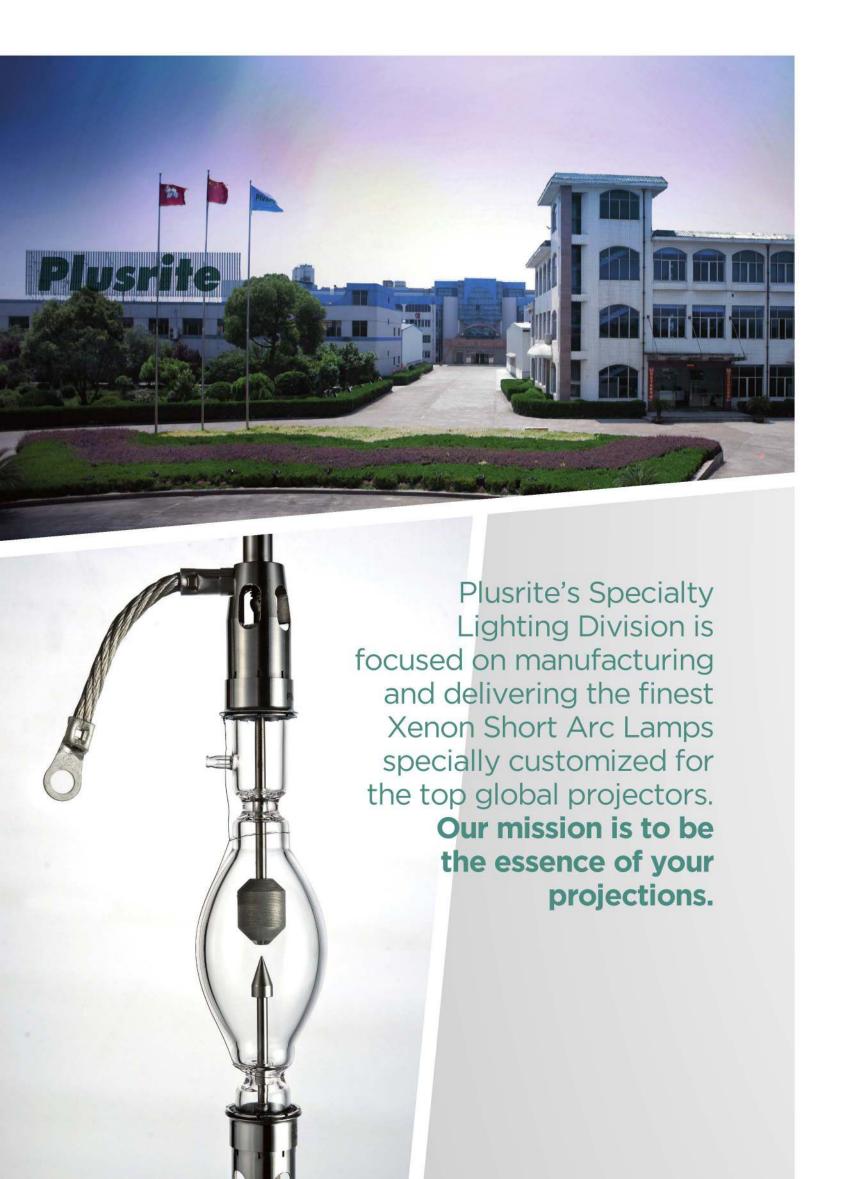
Plusrite has received numerous awards and patents for their excellent products and innovative designs, as well as the ISO 9001 Quality System Certification and the ISO 14001 Environmental Management System Certification.

Plusrite has received numerous awards and patents

Additionally, Plusrite is committed to environmental issues and has created a high standard known as Green Plus: a designation that indicates either energy savings and/or a positive environmental impact over standard lamps. Many of our products have already received the Green Plus designation, and many more are being added on an ongoing basis.

With factories, distribution warehouses and sales offices located throughout Asia, Europe, India, Australia, North and South America, Plusrite products are made to accommodate a rapidly expanding global marketplace.

Currently there are more than 1000 different lighting products being sold in over 50 countries and regions throughout the world.





Research & Development

Where is Plusrite's secret?

Our secret is our soul: our top engineering expertise, our focus in research and development and our commitment with high quality and efficient lamps based on top and unique technologies and best raw materials.

We have the pleasure of having on our team two of **the most experienced engineers** in Xenon Short Arc Lamps, with more than 40 years of experience and technology knowledge from USA and Japan. They are among the few one considered as the forerunners of the core technology for the design and manufacturing of these high-quality specialty lighting lamps.

Now, they bring together skills and expertise to offer you the finest Xenon Short Arc Lamp in the industry, Plusrite Specialty Lamp.

But having one of the most experienced team is not enough for us to offer you the best cinema lighting experience. We strive for excellence in everything what we do, caring about the quality of your lamps by using the best quality raw materials like 100% Xenon gas purity and 100% Quarz glass purity.

We don't only match top engineering team and finest raw materials, but we also implement the most advance production process. Plusrite's production process is based on the most advanced calibration software, analytical equipment and qualified engineers.

Plusrite Xenon Short Arc Lamps achieve **high consistency and reliability.** We thoroughly inspect and test each lamp at least by 3 engineers before sending it to the customer.

Product Quality Mindset

Every employee at every stage of manufacturing process applies a product quality midnset.

More than 30% of their time is dedicated to quality controls and product improvements.

Plusrite[®]



Let us meet your finest expectations

Every Plusrite lamp is the essence of 40 years of professional expertise, the best knowledge and skilful workmanship.

We thoroughly inspect and test each lamp before sending to the customer to ensure highest consistency and reliability.

Plusrite Xenon lamps are designed strictly in line with the precise optical system of the digital projector's double reflector. Electrodes geometry and size and outer jackets shape are designed precisely to maximize light output.

The unique sealing design increases the burst pressure, and innovation of the degassing process gains a longer lamp life. High efficiency, high quality and excellent service are our commitments.

Thank you for choosing Plusrite lamps.

Mr Hui ZhangGlobal Head of Engineering

Plusrite's Main Benefits

High Brightness Longer Lamp Life



Excellent Service and Warranty



Product **Technologies**Chasing the cinema's best dreams

High Quality and Efficiency



Lamp Stress Check

Each PDXL Lamp is the result of high-class technology. Our lamps are checked for stress using Plusrite's in-house design Stress Detector to ensure the glass envelope is within design specification.

Arc Stability Check

Stress check is not enough for us, but arc stability is primordial too. To ensure the perfect and stable arcing of each individual lamp a special projection system is employed to monitor and measure the arc.

Lamp final Check

The perfect combination of all these technologies is achieved by Plusrite's final check. Every lamp is checked individually for high performance and luminance in a custom made chamber to ensure we meet your expectations.



High Brightness



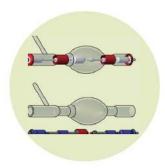
Unique Lamp Design Software

To ensure the lamp is in optimal output of each individual projector's optical system light path, we use our unique lamp design software to generate light ray tracing.

Ultra High Vacumm Cleaning Technologies

Unique cleaning process to provide an increase light output and a decrease in trigger voltage. The result is simply: brightness and lamp life growth.

Longer Lamp Life



Unique Lamp Structure

Each lamp structure is tailored by our own in-house design software. This is key to elevate performance at high temperatures and pressure and to increase lamp life.

Special High-Emission Coating Technology

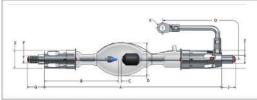
Technology used to reduce electrodes temperature and increase lamp life.



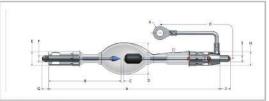
BARCO

Projector Model	Plusrite Lamp Model	Rated Lamp Wattage	100% Warranty Hours
		W	
DP2K/DP4K-12C/15C/19B/20C/23B	PDXL-1200-B	1200	3000
DP2K/DP4K-12C/15C/19B/20C/23B	PDXL-2000-B	2000	2400
DP2K/DP4K-15C/19B/20C/23B	PDXL-3000-B	2800	1500
DP2K/DP4K-15C/19B/20C/23B	PDXL-4000-B	4200	1000
DP2K/DP4K-32B	PDXL-3000-BS	3000	1500
DP2K/DP4K-32B	PDXL-4500-B	4500	1000
DP2K/DP4K-32B	PDXL-6000-B	6000	600
DP2K/DP4K-32B	PDXL-6500-B	6500	500

Plusrite Lamp Model	Pictu- re	Rated Lamp Wattage	Rated Lamp Voltage	Rated Lamp Current	Current Control Range	Lamp Length (a)	LCL (b)	Elec- trode gap (c)	Bulb diame- ter d	Cathode Base dia (e)	Cathode Pin dia (f)	Cathode Pin Length (g)	Anode Base dia (h)	Anode Pin dia (i)	Anode Pin Length (j)	Ter- minal Lug (k)	Copper Wire Leng- th (o)
		W	V	А	A	mm	mm	mm	mm	mm(ø)	mm(ø)	mm	mm(φ)	mm(ф)	mm		mm
PDXL-1200-B	А	1200	20	60	45-65	294	123	4,5	45	27	M12X1.75	28	27	14	23	14-10	132
PDXL-2000-B	А	2000	25	80	60-85	294	123	4,5	55	27	M12X1.75	28	27	14	23	22-10	132
PDXL-3000-B	А	2800	28	100	90-110	294	123	4,5	55	30	M12X1.75	28	30	14	23	22-10	132
PDXL-4000-B	А	4200	35	120	100-130	294	123	6.0	60	30	M12X1.75	28	30	14	23	22-10	132
PDXL-3000-BS	В	3000	26	115	90-120	348	158,5	5,5	60	28	7,9	16,5	28	9,5	16,5	22-14	156
PDXL-4500-B	С	4500	31,5	145	95-155	375,5	158,5	6.0	70	30	M14X1.5	15	30	14	23	22-14	156
PDXL-6000-B	С	6000	37,5	160	110-170	375,5	158,5	8.0	70	30	M14X1.5	15	30	14	23	22-14	156
PDXL-6500-B	С	6500	39,5	165	110-170	375,5	158,5	8.0	70	30	M14X1.5	15	30	14	23	22-14	156







Model: 4500B/6000B/6500B



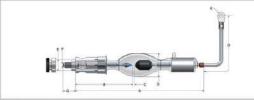


Projector Model	Plusrite Lamp Model	Rated Lamp Wattage	100% Warranty Hours
		w	
CP2210	PDXL-1800-CS •	1800	1750
CP2210	PDXL-2000-CS •	2000	1000
CP2220, CP2230, CP4220/CP4230	PDXL-3000-CS •	3000	1000
CP2220, CP2230, CP4220,CP4230	PDXL-2000-C	2000	2400
CP2220, CP2230, CP4220, CP4230	PDXL-3000-C	3000	1500
CP2230, CP4230	PDXL-4500-C	4500	1000
CP2230, CP4230	PDXL-6000-C	6000	600

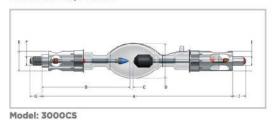
S Series •

Plusrite's S Series upgrades cinema entertainment experience by offering **super brightness lamps**.

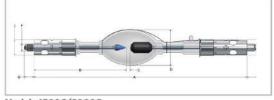
Plusrite Lamp Model	Pictu- re	Rated Lamp Wattage	Rated Lamp Voltage	Rated Lamp Current	Current Control Range	Lamp Length (a)	(P)	Electrode gap (c)	Bulb diame- ter (d)	Cathode Base dia (e)	Cathode Pin dia f	Catho- de Pin Length (g)	Anode Base dia (h)	Anode Pin dia (i)	Anode Pin Length (j)	Ter- minal Lug (k)	Copper Wire Length (o)
		w	V	A	А	mm	mm	mm	mm	mm(ф)	mm(ø)	mm	mm(¢)	mm(ф)	mm		mm
PDXL-1800-CS	Α	1800	26,5	75	70-81	(225)	100,5	3.0	42	28	M10X1.5	22		ē	•	14-6	133,5
PDXL-2000-CS	А	2000	26,5	75	70-81	(225)	100,5	3,7	42	28	M10X1.5	22	73	.T	-	14-6	133,5
PDXL-3000-CS	В	3000	30	100	93-107	292	135	4,5	53	30	M14X1.5	18,5	30	14	20	5	-
PDXL-2000-C	С	2000	25	80	60-85	350	161,5	4,5	55	27	M14X1.5	23,5	27	14	21,5	-	-
PDXL-3000-C	С	3000	27	110	90-120	350	161,5	5,5	60	28	M14X1.5	24	28	14	22	-	-
PDXL-4500-C	D	4500	31,5	145	95-155	381	165,5	6.0	70	30	M14X1.5	17	30	14	18	*	-
PDXL-6000-C	D	6000	39	155	105-165	381	165,5	8.0	70	30	M14X1.5	17	30	14	18	-	-



Model: 1800CS/2000CS



Model: 2000C/3000CS



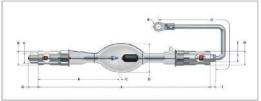
Model: 4500C/6000C

Product Portfolio

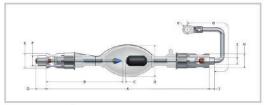
NEC

Projector Model	Plusrite Lamp Model	Rated Lamp Wattage	100% Warranty Hours
		w	
NC1200C, NC1600C, NC2000C	PDXL-2000-N	2000	2400
NC1600C, NC2000C	PDXL-3000-N	3000	1200
NC1600C, NC2000C	PDXL-4000-N	4000	650
NC1600C, NC2000C	PDXL-4002-N	4000	1500
NC2500S, NC3200S, NC3240-7KW	PDXL-4500-N	4500	1000
NC2500S, NC3200S, NC3240-7KW	PDXL-6000-N	6000	600

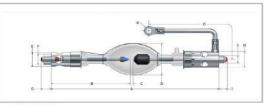
Plusrite Lamp Model	Pictu- re	Rated Lamp Wattage	Rated Lamp Voltage	Rated Lamp Current	Wattage Control Range	Lamp Length (a)	(b)	Electrode gap(c)	Bulb diame- ter (d)	Cathode Base dia(e)	Cathode Pin dia(f)	Cathode Pin Length (g)	Anode Base dia(h)	Anode Pin dia(i)	Anode Pin Length (j)	Terminal Lug(k)	Copper Wire Length(o)
		W	٧	А	W	mm	mm	mm	mm	mm(φ)	mm(ø)	mm	mm(ϕ)	mm(ø)	mm		mm
PDXL-2000-N	С	2000	26	75	1400- 2000	306	144	4,0	55	27	20	20	27	14	10	22-10	160
PDXL-3000-N	В	3000	28,5	105	2100- 3000	306	144	5,4	60	27	20	20	30	14	13	22-10	160
PDXL-4000-N	А	4000	32	125	2800- 4000	306	144	5.0	60	28	20	20	27	14	10	22-10	160
PDXL-4002-N	В	4000	29	135	2800- 4000	302	144	7.0	60	28	20	20	27	14	10	22-10	220
PDXL-4500-N	В	4500	31,5	145	3150- 4500	387	171,5	6.0	70	30	20	20	30	14	18	22-10	220
PDXL-6000-N	В	6000	39	155	4200- 6000	387	171,5	8.0	70	30	20	20	30	14	18	22-10	220



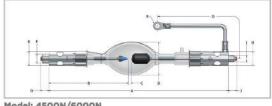
Model: 2000N



Model: 4000N/4002N



Model: 3000N



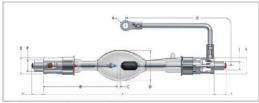
Model: 4500N/6000N

Product Portfolio

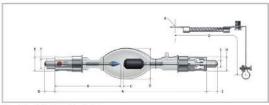
SONY

Projector Model	Plusrite Lamp Model	Rated Lamp Wattage W	100% Warranty Hours
SRX-R220, SRX-R320P	PDXL-2000-S	2000	2400
SRX-R220, SRX-R320P	PDXL-3000-S	3000	1000
SRX-R220, SRX-R320P	PDXL-4000-S	4200	500
SRX-R220, SRX-R320P	PDXL-4001-S	4200	650
SRX-R220, SRX-R320P	PDXL-4002-S	4000	750

Plusrite Lamp Model	Pictu- re	Rated Lamp Wattage	Rated Lamp Voltage	Rated Lamp Current	Current Control Range	Lamp Length (a)	LCL (b)	Electrode gap (c)	Bulb diame- ter (d)	Cathode Base dia (e)	Cathode Pin dia f	Cathode Pin Length (g)	Anode Base dia (h)	Anode Pin dia (i)	Anode Pin Length (i)	Terminal Lug (k)	Copper Wire Length (o)
		W	V	A	Α	mm	mm	mm	mm	mm(ф)	mm(ø)	mm	mm(φ)	mm(¢)	mm		mm
PDXL-2000-S	Α	2000	25,5	80	60-95	295	128	4,5	52	28	20	20	28	14	21	22-10	215
PDXL-3000-S	А	3000	30	100	70-115	295	128	4,5	55	28	20	20	28	14	21	22-10	215
PDXL-4000-S	В	4200	31	135	80-148	295	128	4,5	60	28	20	20	28	14	21	22-10	225
PDXL-4001-S	Α	4200	31-32	130	83-145	295	128	5,0	60	28	20	20	28	14	21	22-10	215
PDXL-4002-S	В	4000	34	118	76-132	295	128	6,0	60	28	20	20	28	14	21	22-10	225







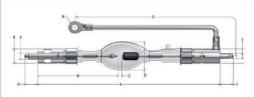
Model: 4000S/4002S

Product Portfolio

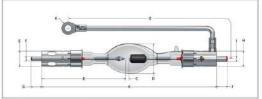


Plusrite Lamp Model	Rated Lamp Wattage	100% Warranty Hours
	w	
PXL-2000-H	2000	2400
PXL-2500-H	2500	1500
PXL-3000-H	3000	1500
PXL-4000-H	4000	1000
PXL-2000-HS	2000	2400
PXL-2500-HS	2500	1500
PXL-3000-HS	3000	1500
PXL-4000-HS	4000	1000
PXL-2000-HTP	2000	2400
PXL-3000-HTP	3000	1500
PXL-4000-HTP	4000	1000

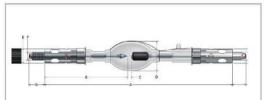
Projector Model	Pictu- re	Rated Lamp Wattage	Rated Lamp Voltage	Rated Lamp Current	Current Control Range	Lamp Length(a)	LCL (b)	Electrode gap (c)	Bulb diame- ter (d)	Cathode Base dia (e)	Cathode Pin dia (f)	Catho- de Pin Length (9)	Anode Base dia (h)	Anode Pin dia (i)	Anode Pin Length (j)	Terminal Lug (k)	Copper Wire Length (o)
	5	W	٧	А	A	mm	mm	mm	mm	mm(ф)	mm(ф)	mm	mm(ф)	mm(ф)	mm		mm
PXL-2000-H	Α	2000	28	70	50-85	322	142,5	5,8	52	27	11,9	23	27	9,9	23	22-11	311
PXL-2500-H	В	2500	29	83	60-95	382	167,5	6,8	60	27	14	23	27	12,9	23	22-11	311
PXL-3000-H	В	3000	29	100	60-110	382	167,5	6.0	60	27	14	23	27	12,9	23	22-11	311
PXL-4000-H	В	4000	29	140	80-160	382	167,5	7.0	60	27	14	23	27	12,9	23	22-11	311
PXL-2000-HS	С	2000	24	80	50-85	302	145	5,8	52	27	7,8	18,5	27	9,4	19	22-11	311
PXL-2500-HS	С	2500	28	90	70-100	302	145	5,5	60	27	7,8	18,5	27	9,4	19	22-11	311
PXL-3000-HS	С	3000	27	110	90-120	302	145	6.0	60	27	7,8	18,5	27	9,4	19	22-11	311
PXL-4000-HS	D	4000	29	135	80-150	370	171	7.0	60	30	7,8	18,5	30	9,4	19	22-11	311
PXL-2000-HTP	Е	2000	27	70	50-85	322	142,5	5,8	52	25	M14X1.5	27	25	13,9	23,5	-	
PXL-3000-HTP	Е	3000	29	100	60-110	357	162,5	6.0	60	27	M14X1.5	27	27	13,9	23,5	-	-
PXL-4000-HTP	E	4000	30	130	100-140	382	167,5	7.0	60	27	M14X1.5	27	27	13,9	23,5	-	-



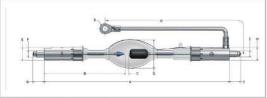
Model: 2000-H



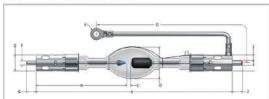
Model: 2000-HS/2500-HS/3000-HS



Model: 2000-HTP/3000-HTP/4000-HTP



Model: 2500H/3000-H/4000-H



Model: 4000-HS





Guide Cross Reference

BARCO

Projector Model	1200W	2000W	2800W	3000W	4200W	4500W	6000W	6500W
DP2K	PDXL-1200-B	PDXL-2000-B	1.7	PDXL-3000-BS			-	
DP4K-12C	PDXL-1200-B	PDXL-2000-B	PDXL-3000-B	7#.	PDXL-4000-B	-	-	-
DP4K-15C	PDXL-1200-B	PDXL-2000-B	PDXL-3000-B	-	PDXL-4000-B	÷	-	÷
DP4K-19B	PDXL-1200-B	PDXL-2000-B	PDXL-3000-B	-	PDXL-4000-B		-	-
DP4K-20C	PDXL-1200-B	PDXL-2000-B	PDXL-3000-B	-	PDXL-4000-B	ē		
DP4K-23B	PDXL-1200-B	PDXL-2000-B	PDXL-3000-B	J	PDXL-4000-B	PDXL-4500-B	PDXL-6000-B	PDXL-6500-B
DP4K-32B	*	16 (1 m) (1	N=	PDXL-3000-BS		PDXL-4500-B	PDXL-6000-B	PDXL-6500-B

CHRISTIE

Projector Model	1800W	2000W	3000W	4500W	6000W
CP2210	PDXL-1800-CS	PDXL-2000-CS	8):	###C	÷
CP2220	-	PDXL-2000-C	PDXL-3000-CS / PDXL-3000-C	PDXL-4500-C	PDXL-6000-C
CP2230	(*	PDXL-2000-C	PDXL-3000-CS / PDXL-3000-C	PDXL-4500-C	PDXL-6000-C
CP4220	0€	PDXL-2000-C	PDXL-3000-CS / PDXL-3000-C	PDXL-4500-C	PDXL-6000-C
CP4230	(-	PDXL-2000-C	PDXL-3000-CS / PDXL-3000-C	PDXL-4500-C	PDXL-6000-C

NEC

Projector Model	2000W	3000W	4000W	4500W	6000W
NC1200C	PDXL-2000-N		=	-	7 88
NC1600C	PDXL-2000-N	PDXL-3000-N	PDXL-4000-N / PDXL-4002-N	-	4
NC2000C	PDXL-2000-N	PDXL-3000-N	PDXL-4000-N / PDXL-4002-N	-	177.0
NC2500S	:=:	:•	₩	PDXL-4500-N	PDXL-6000-N
NC3200S	-	•	#	PDXL-4500-N	PDXL-6000-N
NC3240-7KW	:0:		+	PDXL-4500-N	PDXL-6000-N
DP4K-32B	-		+	PDXL-3000-BS	-

SONY

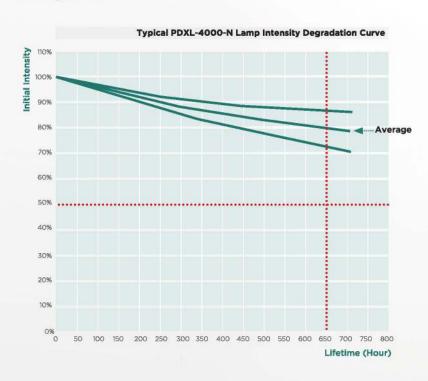
Projector Model	2000W	3000W	4000W	4200W
SRX-R220	PDXL-2000-S	PDXL-3000-S	PDXL-4002-S	PDXL-4000-S/PDXL-4001-S
SRX-R320P	PDXL-2000-S	PDXL-3000-S	PDXL-4002-S	PDXL-4000-S/PDXL-4001-S

Plusrite Lamps Performance

Plusrite's commitment with high product performance and efficiency is the result of our quality mindset and our striving for excellence. Plusrite's precise engineering processes, best raw materials and unique product technologies combined with our high expertise, knowledge and passion are credentials you can trust in.

Plusrite offers a top-on-the-industry product portfolio to lower you total cost of ownership as well as operating costs.

- ✓ Low Lamp intensity degradation: only 20%. Lamp Intensity Degradation average at the end of the warranted hours.*
- Saving you cost in less frequent lamp replacement resulting in lower Total Cost of Ownership.
- √0.5% lamp explosition ratio.
- Matching or improving best in class competitor standards in brightness.



*Based on proved PDXL-4000N lamp intensity degradation curve.





You trust us, we prove you

Plusrite's solid and reliable portfolio proposal is not our only strength, we are committed to ensure the best service and after-sales experience too. Our warranty covers highest standards in the industry and all our processes, from packaging to logistics, are designed with your satisfaction in mind.

Our warranty coverage meets and exceeds highest standars of the sector. From warranty claim procedures to the compensation process, Plusrite ensures the best solution for you being efficient and flexible.

Plusrite cares about you and about your business.

Despite Plusrite's low explosion ratio, Plusrite warranty covers, in the unlikely case of explosion, replacements of reflector and mechanical parts, same lamps model replacement and logistics to destination.



Plusrite®

Standing at the forefront of today's global green lighting revolution, Plusrite sets the stage of offering world-class environmentally responsible lighting solutions.

Turning Light Into Entertainment



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