prisma light

LED STREET LIGHTING | SMART COMMUNICATION 🇬🇧

elton	2-XL
elton	2-L
elton	2-M
elton	2-S

PRISMATIBRO

FROM PATHWAYS TO HIGHWAYS

Prisma Light Elton is actually a complete series

Four models. They fulfill their function at pole heights ranging from 3 to 20 meters.

Prisma Light Elton delivers substantial amounts of lumens and can be equipped with a variety of lens combinations.

The advanced yet simple features that customers of Prisma Light Eliott and Prisma Light Ellie already know and love are features of Prisma Light Elton as well.

Prisma Light Elton marked the starting point for the new, smart communication techniques: such as Nema and Zhaga.

Prisma Light Elton is openable without tools. Prisma Light Elton is ready for service. Now.

DALI

Choose a luminaire with DALI functionality and you can decide how it should behave, what power it should have, and whether there should be any nighttime dimming. If desired, it can be preconfigured by us at the factory or adjusted on-site with the right equipment. It can also be adjusted in the luminaire's access hatch if you have DALI-compatible wiring.

Remote

One remote control is sufficient regardless of the number of luminaires. A five-digit customer-specific PIN code protects against unauthorized access. Make adjustments from the ground without a cherry picker. Just as simple as ingenious and cost-effective. **Prisma Night Light is more than just dimming at night – It is just as easy to increase the light intensity.**
• Regular power
• Start Prisma Night Light
• Level/wattage
• Stop Prisma Night Light
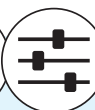
Citygrid

Presence control of the luminaires. This can be described as "the right light at the right time" – when someone is there. We have integrated the Citygrid control system by Seneco A/S into our luminaires. The settings are easily adjusted via a dongle and an Android phone or by a computer that communicates with a Gateway that does the job for you. All settings can be adjusted afterwards. Citygrid is mounted in one or two Zhaga connectors.

Zhaga

Future-proof solution • If you've already decided which control system to use, Zhaga offers the possibility to connect the chosen node immediately. If the decision is to be made later - then the Zhaga connection is in place and ready to use. Choose one connector – above or underneath, or: Choose two connectors – above and underneath.
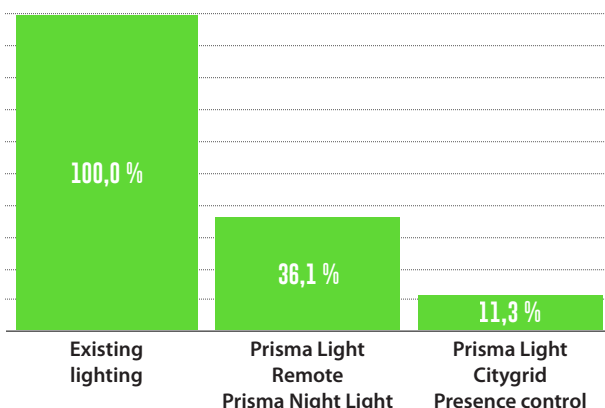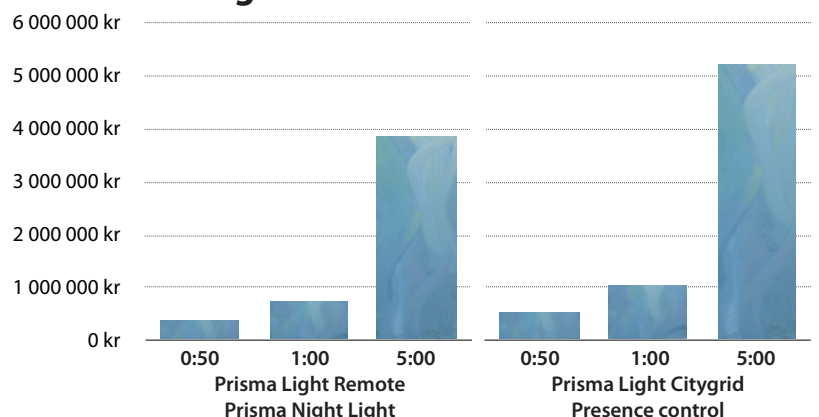
Nema

Future-proof solution • If you've already decided which control system to use, Nema offers the possibility to connect the chosen node immediately. If the decision is to be made later – then the Nema connection in place and ready to use. Nema has been widely used in, for example, the United Kingdom and the United States for a long time.

ECONOMIC SENSE

Consumption PERCENT energy

100,0 %	Existing lighting
36,1 %	Prisma Light Remote Prisma Night Light
11,3 %	Prisma Light Citygrid Presence control

Savings in SEK with 5300 luminaires

Prisma Light Remote Prisma Night Light — 0:50, 1:00, 5:00
Prisma Light Citygrid Presence control — 0:50, 1:00, 5:00

prisma Light

Elton

TECHNICAL SPECIFICATIONS

GENERATION 2

MODEL				DECISION	USAGE	FACTS				INFORMATION
S	M	L	XL		**Street lighting**	Pedestrian and bicycle paths, Parking lots, Feeder roads, Residential streets, Jogging trails, Industrial areas, Highways, Harbors				

REACH						**S • Small**	**M • Medium**	**L • Large**	**XL • X-Large**	INFORMATION
S	M	L	XL		**Pole height**	3-7 meters	5-10 meters	8-15 meters	12-20 meters	Heights and distances are a way to assist in choosing the right option but are not rules. Power, lenses, and experience determine.
S	M	L	XL		**Pole spacing**	20-50 meters	20-50 meters	20-50 meters	20-50 meters	

LIGHT						**S • Small**	**M • Medium**	**L • Large**	**XL • X-Large**	
S	M	L	XL	●	**Color temperature**	3000K				Warm white
S	M	L	XL	●		4000K				Neutral white
S	M	L	XL	●	**Color rendering RA**	Standard Ra 70 • Optional Ra 80				
S	M	L	XL		**MacAdam**	SDCM 4				
S	M	L	XL		**Lumens (lm/W)**	115-162	115-161	120-170	130-177	[Generation 1: S >100 • Others: ≥ 120]
S	M	L	XL	●	**Diodes**	Luxeon 5050				[Generation 1: Cree/Osram]
S	M	L	XL	●	**Number of LEDs**	**S:** 16	**M:** 32	**L:** 64	**XL:** 96	
S	M	L	XL	●	**Lenses**	T2, T4, DWC, DNW, ME, SCL, PX, PXL, SCL/SCL, SCL/T4, LN1, LM1, LW1				See polar diagrams [Generation 1: T2, T4, DWC, DNW, ME, SCL, PX, PXL]
S	M	L	XL		**LDT-files**	Available for all configurations				LDT files available through the form on prismatibro.se

CONTROL						Download manuals and more at prismatibro.se			
S	M			●	**Remote**	Individual luminaire adjustment: power, dimming Easily adjusted with a remote control.			Justeras enkelt med fjärrkontroll.
S	M				**Remote + Light relay**	The same function as for Remote, but combined with a light relay on the top to provide light only when it is dark.			
S	M	L		●	**Detect**	Adjustable presence and absence power settings. Intervals and programming determined by the customer.			Adjusted with Android app using a dongle.
S	M	L	XL	●	**DALI**	Programmable DALI driver			
S	M	L	XL	●	**NEMA**	DALI driver with external Nema socket			
S	M	L	XL		**NEMA + Light relay**	DALI driver with external Nema socket and light relay			
S	M	L		●	**Zhaga**	Choose 1 or 2 connectors – Customer selects the number of connectors.			Prisma Light Elton is Zhaga-certified [Generation 1: Zhaga driver with external Zhaga socket]

OPERATION • PERFORMANCE								
S	M	L	XL	○	**System power**	5-224 Watts depending on the number of LEDs and control.		
S	M	L	XL		**System lifetime**	100,000 hours L90 B10 at Ta 25° C		[Generation 1: 80,000 hours L80 F10 at Ta 25° C]
S	M	L	XL		**Voltage**	200-240 V AC		
S	M	L	XL		**Protection class**	IP66		[Generation 1: IP65, IP66 depending on control]
S	M	L	XL		**Vandal resistance**	IK09		
S	M	L	XL		**Surge protection**	10 kV		
S	M	L	XL		**Insulation class**	Class II, Class I		
S	M	L	XL		**Operating temperature**	-40 C° – +50 C°		
S	M	L	XL	●	**Drivers**	Meanwell, Philips, Efore, Inventronics – depending on control		

OPTIONAL						FACTS
S	M	L	XL	●	**Fittings**	**Adjustable S/M**: ±10° · **L/XL** ±15° · 48-60 mm
S	M	L	XL	●	**Cable, standard**	EXQ 3x1,5 in desired length. Other cable types upon request.
S	M	L	XL	●	**Color standard**	RAL7024, Dark Grey. Other colors upon request.
S	M	L	XL	●	**Protection for lenses, LEDs, and electronics**	Tempered glass, 5 mm

Adapter
For needs of larger angle range.

Contact us!

prisma Light
MANUAL
STYRNING

prisma Light
STYRNING KOMMUNIKATION

prisma Light

PRISMATIBRO

| GENERATION 2								
MODELL			**DECISION**	**FORMAT**				
S				●	**Length x Width x Height**	433 x 260 x 99		
	M			●	**Length x Width x Height**	565 x 330 x 110		
		L		●	**Length x Width x Height**	665 x 381 x 118		
			XL	●	**Length x Width x Height**	865 x 455 x 125		
S	M	L	XL		**Luminaire Housing**	Die-cast aluminum		
S	M	L	XL	●	**Weight**	S: 4,5 kg	M: 6,5 kg	L: 9,5 kg	XL: 13,5 kg
S	M	L	XL	●	**Wind Load**	S: 0,024 m²	M: 0,035 m²	L: 0,043 m²	XL: 0,058 m²
					RELIABILITY & SERVICE			
S	M	L	XL	●	**Warranty**	Standard: 5 years. Possibility to extend up to a total of 15 years.		
S	M	L	XL		**CE Marking**	Ja		
S	M	L	XL		**Third-Party EMC, LVD Certification**	Ja: Nemko AS		
S	M	L	XL	●	**Delivery Time**	Usually about 10-15 working days		
S	M	L	XL	●	**Corrosion Class C5**	C5		
S	M	L	XL	●	**Recycling**	Prisma Light Elton can be recycled		

Note!
These lenses can be combined in a large number of ways. Here we present the most common and widely used combinations.

DNW

PX

PXL

PX/PXL

SCL

SCL/SCL

SCL/T4

T2

T4

Prisma Light

Eliott Ellie Elton Ella
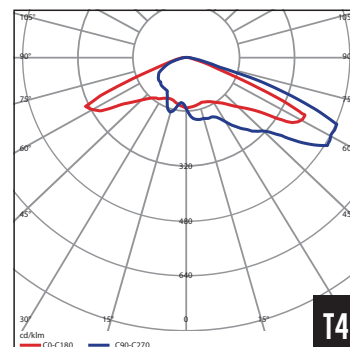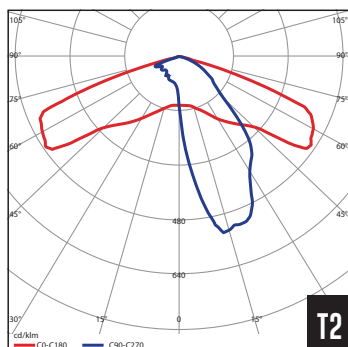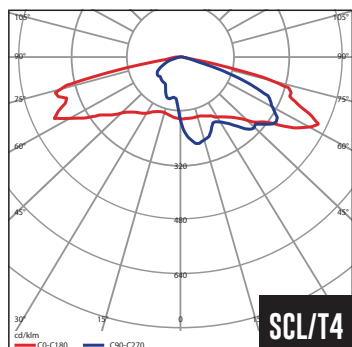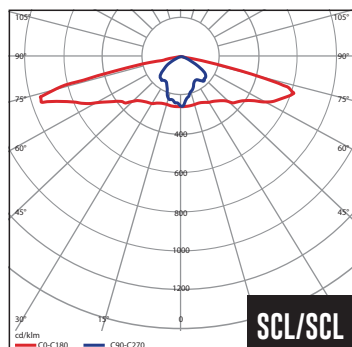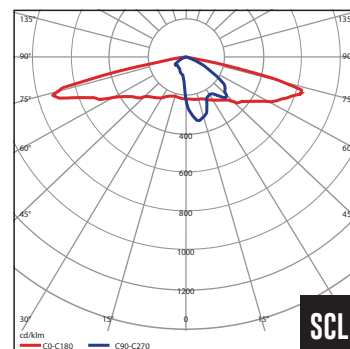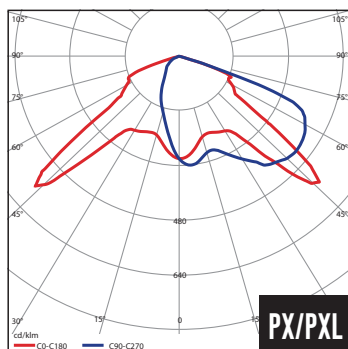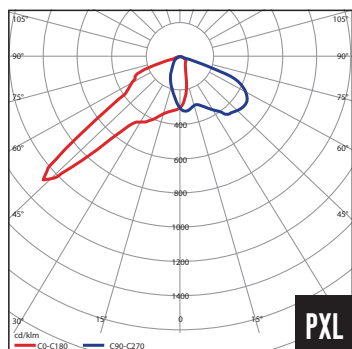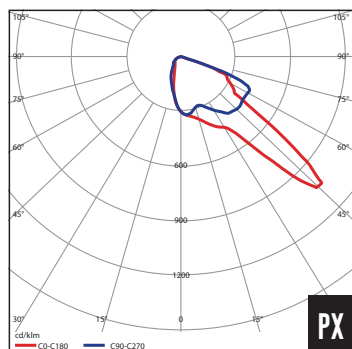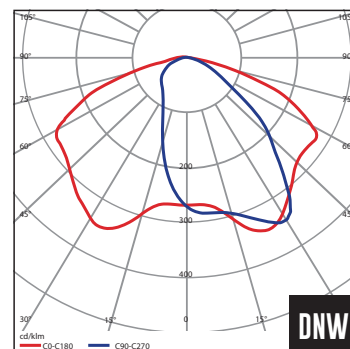
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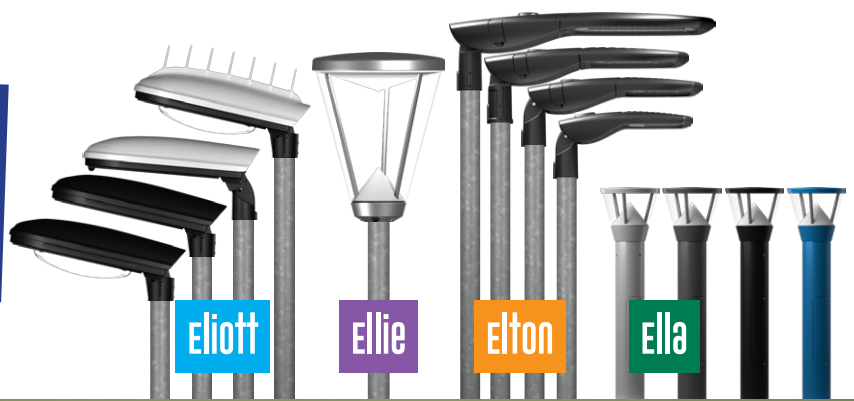
CHOOSE PRISMATIBRO

QUALITY AND SAFETY
• Certified according to ISO 9001
• In-house development, production, sales, and service organization
• Flexibility and innovation
• Continuous improvement
• Favorable delivery time

SUSTAINABILITY
• Sustainable products with long lifespan
• Certified according to ISO 14001
• Production based on customer orders
• Philanthropic work and sponsorship
• Environmentally-friendly features
• Contributes to the SDGs:

GLOBAL AND LOCAL
• Development and manufacturing in Tibro, Sweden
• Products in 118 countries
• Further expansion in terms of geography and volume

EXPERIENCE AND CONTACT
• 35 years of experience
• Addtech Group
• Dedicated staff
• Flexibility and continuity
• Strong customer trust
• Personal and quick support

"You can deliver on time!"

"We only use your products because we know that they will meet our expectations."

"Thank you once again for your persistent effort to meet our requests."

CUSTOMERS

"Yes, everything is perfect. Thank you for the excellent service!"

"Flexibility and quick actions – two of our characteristics"

EMPLOYEES

"The best part is that we provide support for a long time."

"We strive for quality and continuous improvement."

Elton

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