PRUNUS A2

RESIDENTIAL STREETS

CITY AND VILLAGE CENTERS

SQUARES AND PARKS

PEDESTRIAN AND CYCLE PATHS

CAR PARKING SITES

BUSINESS PARKS

The PRUNUS A2 semi-frosted light cover ensures a diffused light pattern and a high degree of light comfort. The soft character of the light makes it suitable for residential neighbourhoods, squares, parks and city centres.
The addition of the optional LED ring lends any environment a unique identity. Above all, with the modular PRUNUS family, you can assign the entire living environment its own identity, while styling it attractively.

CE RoHS ENEC ENEC PLUS IP66 IK10

DALI 2 ZD4i EASY LIGHT

FIVE-YEAR GUARANTEE ON ALL LED LUMINAIRES
5
LIGHTRONICS

BENEFITS

▶ Modular luminaire family

▶ Light when and where it is required

▶ Diffuse light scene with high light comfort

▶ High-end design with functional control

▶ Easy mounting and installation

▶ Deployable in every stage of urban development

SMART LIGHTING

Connectable to any **Zhaga-D4i** system via the universal Zhaga book 18 connector.

SmartScan for applications with mast heights up to 4 meters.

OPTION: RGB LED-RING

RGB LED ring upper cover silicon (semi-transparent)

RGB LED ring in pole top collar, acrylic (semi-transparent)

○ Lavender White	○ Eco Green
○ Sun Yellow	○ Ocean Blue
○ Scarlet Red	○ Evening Red
○ Sky Blue	○ Royal Orange

Colours can deviate in reality.

Want to speak to a specialist?
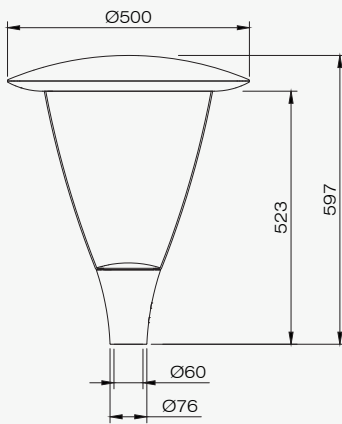**Click on / scan** the QR-code!

PRODUCTSPECIFICATIES

▶ Aluminium top cover: coated

▶ Standard colour: RAL 7016

▶ Light cover: UV-stabilised polycarbonate, semi-frosted

▶ Pole-mounted size: 60 mm

▶ Safety class: I

▶ Voltage: 230/240 V, 50 Hz

▶ Standard Surge Protection (CM/DM): 8 kV/6 kV

▶ Standard cable type H05BQ-F (3x1.0 mm^2)

▶ CRI: > 70

▶ Colour temperature neutral white (4,000K) or warm white (3,000K)

▶ Expected lifespan 100.000 hours at T environment = 25 ˚C (L96/F10)

▶ Different lens configurations

▶ LED2WELL-Core

▶ Assembly-, installation- and maintenance-friendly

OPTIES

▶ Other RAL colour

▶ Safety class II

▶ DALI-2

▶ Constant Lumen Output (CLO)

▶ Other pre-fitted cable

▶ Pole-mounted size 76 mm

▶ LED2WELL-Pro

DIMENSIONS IN MM

DIMENSIONS AND MOUNTING

Height x Diameter	597 x 500 mm
Weight in kg (basic model)	+/- 6 kg (depending on the model)
Wind-exposed surface	Wind-exposed surface front: 0,14 m^2

LIGHTRONICS

EASY LIGHT

In addition to using LED, even more energy can be saved, or light pollution avoided employing PRUNUS luminaires supplied with a factory-set dimming schedule (1A, 2A, 3A, 4A or 5A). The PRUNUS luminaire will, once the night rhythm has been established, autonomously dim when appropriate and return to 100% in the morning.

1A - 15% ENERGY SAVING

2A - 23% ENERGY SAVING

3A - 28% ENERGY SAVING

4A - 34% ENERGY SAVING
Most energy-saving dimming schedule

5A - 20% ENERGY SAVING

CONSTANT LIGHT OUTPUT (CLO)

All PRUNUS luminaires support the CLO facility, in other words the typical light degradation of about 10% over the lifespan can be compensated through gradually increasing the power over the lifespan to ensure the light intensity remains at L100.

SYSTEMS

PRUNUS luminaires are Zhaga-D4i certified. This certificate guarantees that any Zhaga-D4i Light Management System recognises these luminaires with their characteristics and can incorporate them in the system. PRUNUS luminaires can be supplied with one or two Zhaga- book 18 connectors so that, apart from a node, a sensor can be connected. Making the PRUNUS luminaires suitable for the latest developments in the field of smart lighting and connectivity.

Employing SmartScan sensors, movement and lighting levels can be detected and can be harmonised via mutual communication and smart software luminaires to ensure optimum lighting levels. SmartScan can typically be employed for short pole distances (bicycle paths, car parking sites) or where the exterior lighting is combined with interior lighting. Additionally, the SmartScan monitor feature can ensure that the maintenance costs are kept in check.
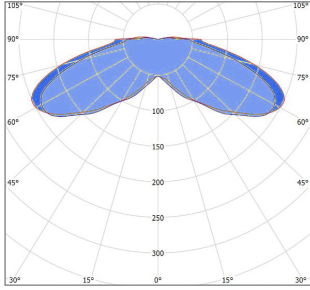
LIGHTRONICS

LED🍃WELL CORE Our **energy-saving lighting solutions**

Number of LEDs	Lumen	OPTION **AMBER** System capacity (W)	CRI 70		
			OPTION **2700K** System capacity (W)	STANDARD **3000K** System capacity (W)	STANDARD **4000K** System capacity (W)
16	800	8.9	-	-	-
	1050	-	8.4	7.9	7.4
	1200	12.4	9.6	8.6	8.2
	1350	-	10.5	9.6	9.1
	1500	-	11.5	10.5	9.8
	1600	16.3	12.2	11.2	10.5
	1800	-	13.6	12.4	11.7
	2000	-	15.3	13.6	12.6
	2150	-	16.2	14.5	13.6
	2300	-	17.4	15.7	14.5
	2500	-	18.9	16.9	15.7
	2750	-	21.0	18.9	17.4
	3000	-	23.0	20.6	18.9
	3240	-	25.1	22.3	20.6
	3500	-	27.3	24.3	22.3
	3780	-	29.9	26.6	24.3
	4000	-	33.26	28.1	25.8
	4200	-	33.8	29.9	27.3

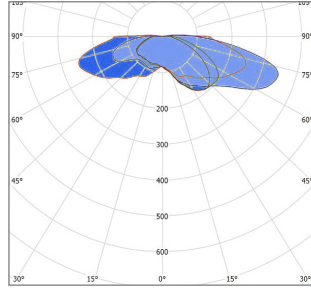# LED WELL PRO   Our energy-saving solutions for **ultimate lighting comfort**

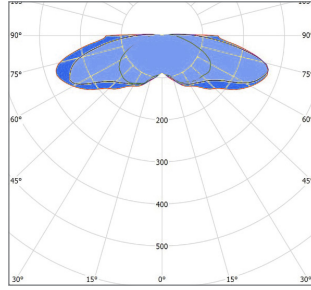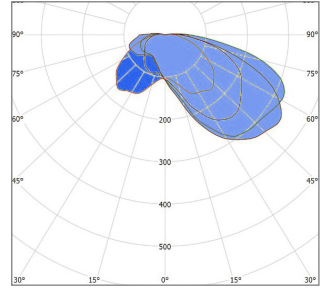| Number of LEDs | Lumen | OPTION **AMBER** System capacity (W) | CRI 70 | | |
			OPTION **2700K** System capacity (W)	STANDARD **3000K** System capacity (W)	STANDARD **4000K** System capacity (W)
32	800	-	-	5.8	5.5
	1050	-	-	7.3	7
	1200	-	-	8.0	7.7
	1350	-	-	8.9	8.6
	1500	-	-	9.8	9.3
	1600	-	-	10.4	10
	1800	-	-	11.3	10.9
	2000	-	-	12.4	12
	2150	-	-	13.1	12.7
	2300	-	-	13.8	13.6
	2500	-	-	15.4	14.7
	2750	-	-	16.7	16.1
	3000	-	-	17.9	17.5
	3240	-	-	19.3	18.8
	3500	-	-	21.0	20.2
	3780	-	-	22.2	21.7
	4000	-	-	24.5	23.0
	4200	-	-	25.9	25.0

LED WELL CORE

PRUNUS A2 | CODE 6

PRUNUS A2 | CODE 7

PRUNUS A2 | CODE 8

PRUNUS A2 | CODE 10