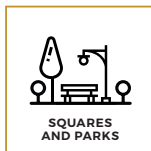
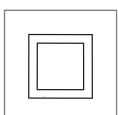
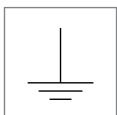


PRUNUS A1



The PRUNUS A1 is an iconic pole top luminaire and is available with various light bundles, ensuring there is always enough light when and where it is needed. A1 has a clear light cover and a high energy efficiency. The PRUNUS is a sustainable and functional lighting solution. The top cover is available with a LED ring. The PRUNUS family is modular, facilitating the creation of a unique stylish identity for a living environment.





BENEFITS

- ▶ Modular luminaire family
- ▶ Light where and when its required
- ▶ Deployable for every stage of urban development
- ▶ High-end design with functional control
- ▶ Easy mounting and installation
- ▶ Uniform light scene

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!

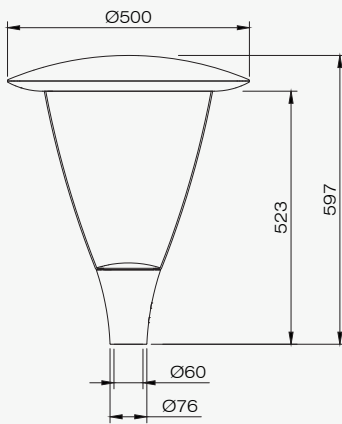
PRODUCT SPECIFICATIONS

- ▶ Aluminium top cover: coated
- ▶ Standard colour: RAL 7016
- ▶ Light cover: UV-stabilised polycarbonate, clear
- ▶ 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 mm²)
- ▶ 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

OPTIONS

- ▶ 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



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.



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.

LED²WELL CORE Our energy-saving lighting solutions

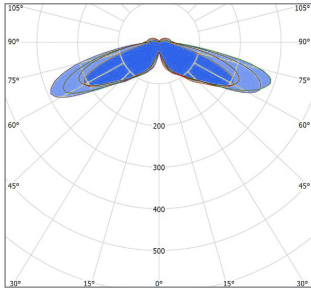
Number of LEDs	Lumen	CRI 70			
		OPTION AMBER System capacity (W)	OPTION 2700K System capacity (W)	STANDARD 3000K System capacity (W)	STANDARD 4000K System capacity (W)
16	800	8.9	-	-	-
	1050	-	8.4	7.9	7.4
	1200	12.4	9.6	8.6	8.2
	1350	-	10.5	9.6	9.1
	1500	-	11.5	10.5	9.8
	1600	16.3	12.2	11.2	10.5
	1800	-	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	

LED²WELL PRO Our energy-saving solutions for **ultimate lighting comfort**

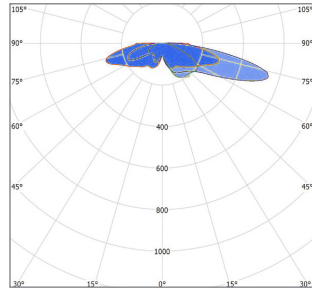
Number of LEDs	Lumen	CRI 70			
		OPTION AMBER System capacity (W)	OPTION 2700K System capacity (W)	STANDARD 3000K System capacity (W)	STANDARD 4000K System capacity (W)
32	800	-	-	5.8	5.5
	1050	-	-	7.3	7
	1200	-	-	8.0	7.7
	1350	-	-	8.9	8.6
	1500	-	-	9.8	9.3
	1600	-	-	10.4	10
	1800	-	-	11.3	10.9
	2000	-	-	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	

LED²WELL CORE

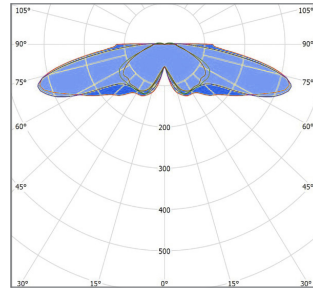
PRUNUS A1 | CODE 6



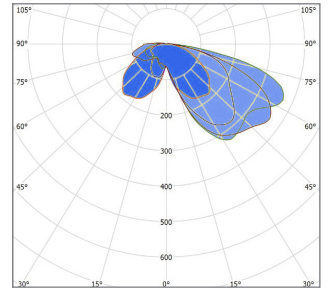
PRUNUS A1 | CODE 7



PRUNUS A1 | CODE 10



PRUNUS A1 | CODE 14



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