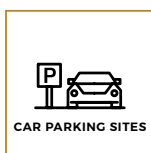
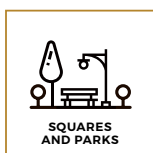
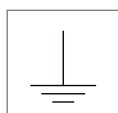


# LUZ

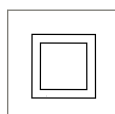


LUZ is a sleek and contemporary styled LED luminaire. The decorative LUZ is equipped with an optical lens for excellent light comfort. The light yield is high, the luminaire is efficient and light pollution has been minimised. LUZ is suitable for squares, car parking sites, cycle paths and residential areas.

## STANDARD



## OPTION





## BENEFITS

- ▶ Decorative conical luminaire with a visual transparency thanks to the clear light cover
- ▶ Limited light pollution and light nuisance thanks to the optical lens and transparent diffuser
- ▶ Efficient lighting technology that contributes to lower energy costs
- ▶ Vandal-proof and can withstand impact energy of up to 10 joules – ideal for public spaces
- ▶ Simple to equip with the latest LED technology employing a Unicliq unit



## SMART LIGHTING

Compatible with any Zhaga-D4i system by using the universal Zhaga-book 18 connector



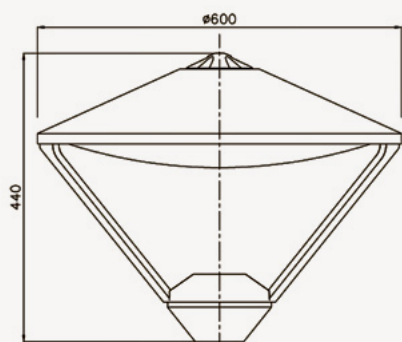
Want to speak to a specialist?  
**Click on / scan** the QR-code!

**PRODUCT SPECIFICATIONS**

- ▶ Top cover: aluminium coated, grey (RAL 9007)
- ▶ Light cover: UV stabilized polycarbonate, clear
- ▶ Optical cover: clear-structured polycarbonate
- ▶ UniCliq-unit
- ▶ Weight:  $\pm 10.5$  kg (depending on the model)
- ▶ Standard Surge Protection (CM/DM) 8 kV / 6 kV
- ▶ Standard cable type H05BQ-F (3 x 1 mm<sup>2</sup>)
- ▶ Wind surface:  $\pm 0.14$ m<sup>2</sup>
- ▶ Safety class: I
- ▶ Voltage: 230 / 240 V, 50 Hz
- ▶ CRI: > 70
- ▶ Colour temperature cool white (4,000K) or warm white (3,000K)
- ▶ Expected lifespan 100,000 hours at T environment = 25 °C (L96/F10)
- ▶ Different lens configurations
- ▶ Pole-mounted size: 60 mm
- ▶ LED2WELL-Core
- ▶ Assembly-, installation- and maintenance-friendly

**OPTIONS**

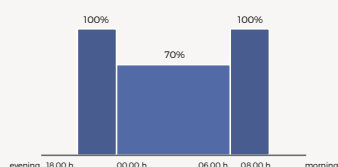
- ▶ Colour temperature extra warm white (2700K), candlelight (2200K) or Amber (1700K)
- ▶ Unicliq unit: retrofit LED unit for existing luminaires
- ▶ Opplus kit Zhaga: LED unit with top cover and Zhaga Book 18-connector for smart readiness
- ▶ Equipped with a different cable
- ▶ Captive top cover
- ▶ Other RAL colour
- ▶ Safety class: II
- ▶ DALI-2
- ▶ Constant Lumen Output ( CLO)
- ▶ Pole-mounted size 76 mm
- ▶ LED2WELL-Pro

**DIMENSIONS IN MM**

**DIMENSIONS AND MOUNTING**

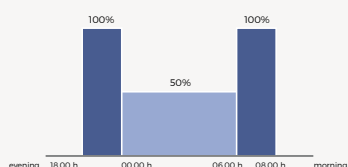
Height x Diameter	440 x 600 mm
Weight in kg (basic model)	± 10.5 kg (depending on the model)
Mounting	Pole-mounted size: 60 mm (option: 76 mm)



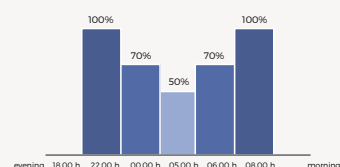
In addition to using LED, even more energy can be saved, or light pollution avoided employing LUZ luminaires supplied with a factory-set dimming schedule (1A, 2A, 3A, 4A or 5A). The LUZ luminaire will, once the night rhythm has been established, autonomously dim when appropriate and return to 100% in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



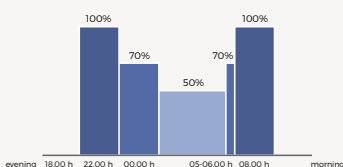
**1A - 15% ENERGY SAVING**



**2A - 23% ENERGY SAVING**

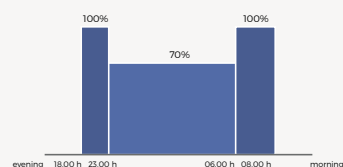


**3A - 28% ENERGY SAVING**



**4A - 34% ENERGY SAVING**

**Most energy-saving  
dimming schedule**



**5A - 20% ENERGY SAVING**

*Disclaimer: whether the percentages for the dimming schedules are actually achieved is partly dependent on the chosen configuration for the luminaire*

### CONSTANT LIGHT OUTPUT (CLO)

All LUZ 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.

### SMART LIGHTING

LUZ luminaires can be equipped as an option with a Zhaga Book 18-connector, facilitating the simple connection of a communication module (node). Thanks to support from Zhaga-D4i, the luminaire can be automatically recognised by any compatible light management system, including data like type, power and status information. This ensures that the luminaires are ready for the latest applications in the field of smart and connected lighting.



**LED<sup>2</sup>WELL CORE** Our **energy-saving lighting solutions**

			<b>CRI &gt; 70</b>			
<b>Number of LEDs</b>	<b>Lumen</b>	<b>OPTION AMBER System capacity (W)</b>	<b>OPTION 2200K System capacity (W)</b>	<b>STANDARD 2700K System capacity (W)</b>	<b>STANDARD 3000K System capacity (W)</b>	<b>STANDARD 4000K System capacity (W)</b>
<b>16</b>	800	8.9	7.4	6.7	6.2	5.9
	1050	-	9.3	8.4	7.9	7.4
	1200	12.4	10.5	9.6	8.6	8.2
	1350	-	11.5	10.5	9.6	9.1
	1500	-	12.6	11.5	10.5	9.8
	1600	16.3	13.6	12.2	11.2	10.5
	1800	-	15.0	13.6	12.4	11.7
	2000	-	16.7	15.3	13.6	12.6
	2150	-	17.9	16.2	14.5	13.6
	2300	-	19.3	17.4	15.7	14.5
	2500	-	21.2	18.9	16.9	15.7
	2750	-	23.5	21.0	18.9	17.4
	3000	-	25.8	23.0	20.6	18.9
<b>32</b>	2000	19.6	-	-	-	-
	2300	22.4	-	-	-	-
	2500	23.4	-	-	-	-
	3000	28.6	-	-	-	-

**LED<sup>2</sup>WELLPRO** Our energy-saving solutions for **ultimate lighting comfort**

			CRI > 70			
Number of LEDs	Lumen	OPTION <b>AMBER</b> System capacity (W)	OPTION <b>2200K</b> System capacity (W)	STANDARD <b>2700K</b> System capacity (W)	STANDARD <b>3000K</b> System capacity (W)	STANDARD <b>4000K</b> System capacity (W)
<b>32</b>	800	-	-	-	5.8	5.5
	1050	-	-	-	7.3	7.0
	1200	-	-	-	8.0	7.7
	1350	-	-	-	8.9	8.6
	1500	-	-	-	9.8	9.3
	1600	-	-	-	10.4	10.0
	1800	-	-	-	11.3	10.9
	2000	-	-	-	12.4	12.0
	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

## LED<sup>2</sup>WELL CORE

### CODE 7

