

BURAN PLUS EXTREME

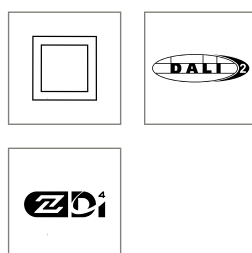


With its light output of 30,000 lumens, the BURAN PLUS EXTREME can be used at post heights of up to 20 metres. The BURAN PLUS EXTREME is equipped with a clear diffuser and is 20% less dazzling than similar luminaires. The tilt adjustment feature ensures exactly the right light pattern for every situation. The BURAN PLUS EXTREME can also be supplied with a convex diffuser for guidance lighting.

STANDARD



OPTION





BENEFITS

- ▶ One luminaire for major roads and motorways
- ▶ Up to 20 % less glare: optimises visual comfort
- ▶ Robust and weatherproof (IK10 & IP66)
- ▶ Energy-saving dimming profiles + CLO function
- ▶ Excellent smart-ready integration (Zhaga-D4i)
- ▶ Tool-free opening with click-system

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

- ▶ Housing aluminum double coated (RAL 9007, 9005 and 7016)
- ▶ Light cover clear safety glass
- ▶ For pole mounted 60 mm
- ▶ For bracket mounted 76 mm
- ▶ Tilt angle adjustable by bracket mounting 60 mm from -15 to 0°, by pole mounting 76 mm 0 to 10°
- ▶ Mass: ± 16 kg (depends on model)
- ▶ Wind surface: ± 0.08 m² (side), ± 0.04 m² (front)
- ▶ Safety class: I
- ▶ Voltage: 230/240 V, 50 Hz
- ▶ Standard Surge Protection (CM/DM) 10kV/6kV
- ▶ Standard cable type HO5BQ-F (3 x 1 mm²)
- ▶ As standard in 80 or 96 LEDs
- ▶ CRI: > 70
- ▶ Color temperature standard neutral white (4.000K) or 3.000K (warm white)
- ▶ Expected lifespan 100.000 hours at T environment = 25 °C (L96/F10)
- ▶ Different lens configurations
- ▶ Assembly-, installation- and maintenance-friendly

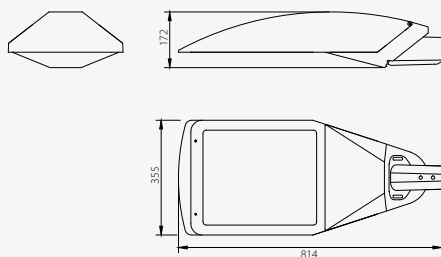
OPTIONS

- ▶ Other RAL colour
- ▶ Safety class: II
- ▶ DALI-2
- ▶ Protection to prevent light pollution
- ▶ Spherical diffuser or Optica
- ▶ Other pre-fitted cable

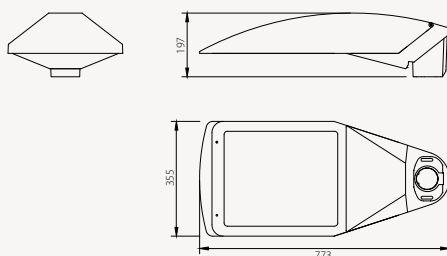
DIMENSIONS IN MM



Pole size 48/60 (bracket mounted)



Pole size 48/60 (pole mounted)



DIMENSIONS AND MOUNTING

L x W x H in mm	814 x 355 x 172 mm
	773 x 355 x 197 mm
Weight in kg (basic model)	+/- 16 kg
Wind catching surface	Side 0.08 m ²
	Front 0.04 m ²
Mounting possibilities	Tilt: slide on 60 mm adjustable
	15 to 0° in 3 steps
	Tilt: pole top 76mm adjustable 0 to 10° in 2 steps

MODEL

FLAT GLASS

The BURAN PLUS EXTREME is supplied as standard with a clear light cover made from safety glass providing a uniform light scene.



OPTICA

The OPTICA version of the BURAN PLUS EXTREME is supplied with a polycarbonate light cover for a diffused light scene that is very easy on the eyes.



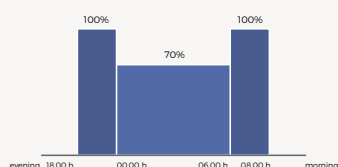
SPHERICAL GLASS

For functional lighting with extra visual orientation a spherical glass is a good option.

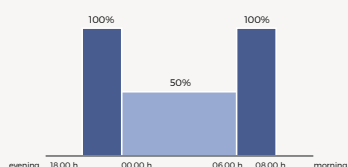




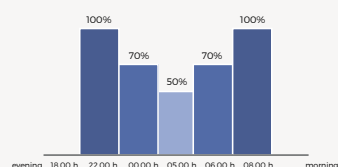
In addition to using LED, even more energy can be saved, or light pollution avoided employing BURAN PLUS EXTREME luminaires supplied with a factory-set dimming schedule (1A, 2A, 3A, 4A or 5A). The BURAN PLUS EXTREME luminaire will, once the night rhythm has been established, autonomously dim when appropriate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



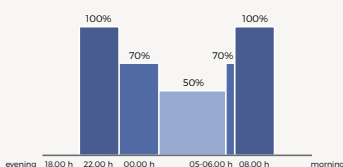
1A - 15% ENERGY SAVING



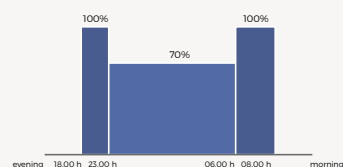
2A - 23% ENERGY SAVING



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 BURAN PLUS EXTREME 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

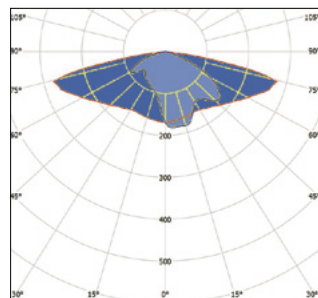
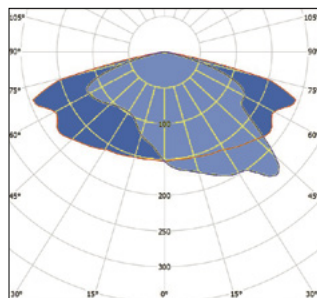
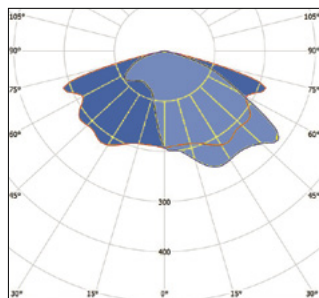
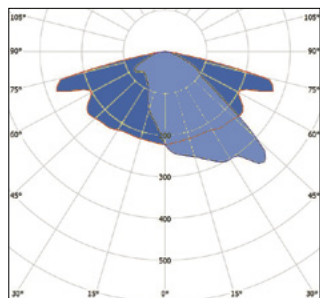
BURAN PLUS EXTREME luminaires can be equipped as an option with a Zhaga Book 18-connector, facilitating the simple connection of a communication module (node). Thanks to support from Zhaga-D4i, the luminaire can be automatically recognised by any compatible light management system, including data like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



LED²WELL CORE Our **energy-saving lighting solutions**

Number of LEDs	Lumen	CRI 70			
		AMBER System capacity (W)	2700K System capacity (W)	3000K System capacity (W)	4000K System capacity (W)
80	19000	-	-	126,7	-
	20000	-	-	136,5	126,7
	20500	-	-	138,7	129,1
	21000	-	-	145,2	135,2
	21500	-	-	147,8	137,7
	22000	-	-	154,1	144,0
	22500	-	-	156,8	146,5
	23000	-	-	-	151,6
	23500	-	-	-	155,5
96	24000	-	-	164,1	154,0
	24500	-	-	168,2	158,5
	25000	-	-	172,7	162,3
	25500	-	-	175,5	164,9
	26000	-	-	179,5	170,9
	26500	-	-	187,0	173,7
	27000	-	-	187,9	176,4
	27500	-	-	193,9	179,5
	28000	-	-	195,4	187,0
	28500	-	-	202,6	189,7
	29000	-	-	207,1	193,9
	29500	-	-	210,0	195,4
	30000	-	-	211,4	202,6

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