



BURAN PLUS

— **FUNCTIONAL AND COMPLETE:
PART OF THE BURAN FAMILY**

The BURAN PLUS has been designed to illuminate everything on and at the side of the road. Uniform light distribution and good colour recognition characteristics contribute to road safety. The BURAN PLUS features tilt adjustment to shine the light beam exactly where you need it under all circumstances. The BURAN PLUS is also available with a spherical diffuser for use as guidance lighting.



Application areas



INDUSTRIAL
ESTATES



PARKING LOTS

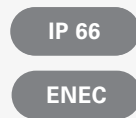


ROUNDBOUTS



ACCESS ROADS

Characteristics



OPTIONS



PRODUCT SPECIFICATIONS

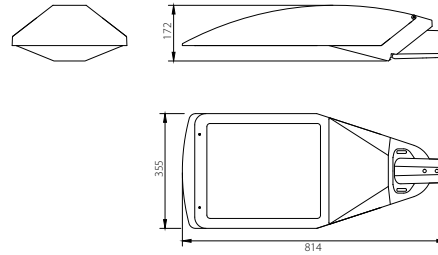
- Housing aluminum double coated (RAL 9007, 9005 and 7016)
- Light cover clear safety glass
- Pole mounted 60 mm
- Bracket mounted 76 mm
- Tilt angle adjustable from -15 to 0° (bracket mounting 48/60 mm), 0 to 10° (pole mounting 76 mm)
- Mass: ± 16 kg (depends on model)
- Wind surface: ± 0.08 m² (front), ± 0.04 m² (side)
- Safety class: I
- Assembly-, installation- and maintenance-friendly
- Voltage: 230/240 V, 50 Hz
- Standard Surge Protection (CM/DM) 10kV/6kV
- Standard cable type HO5BQ-F (3 x 1 mm²)
- Performance standard in 32, 48 or 64 LEDs
- CRI: > 70
- Color temperature standard neutral white (4000K) or 3000K (warm white)
- Expected lifespan 100.000 hours at T environment = 25°C (L96/F10)
- Different lens configurations
- LED2WELL CORE

OPTIONS

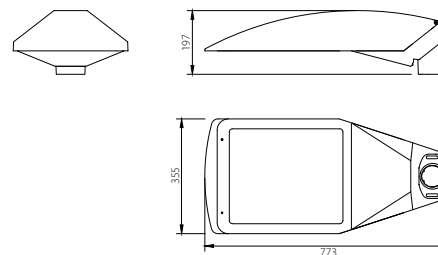
- Other RAL colour
- Safety class: II
- Several dimmable options available: Dali, Dynadimmer (integrated in driver)
- Constant Lumen Output (CLO)
- Other pre-fitted cable
- Protection to prevent light pollution
- Spherical diffuser or Optica
- LED2WELL PRO

DIMENSIONS BURAN PLUS IN MM

Pole size 48/60 (bracket mounted)



Pole size 48/60 (pole mounted)



SMART CITY READY (optional)

Zhaga book 18 connector and screw cap (waterproof, IP66)



OPTICA

For diffused illumination and the ultimate in lighting comfort. Applicable for all BURAN models, with the exception of the BURAN EXL.



SPHERICAL DIFFUSER

For orientation lighting. Applicable for all BURAN models, with the exception of the BURAN EXL.



Lightronics supplies its luminaires as standard as Easy Light, with five standard dimming schedules (1A, 2A, 3A, 4A or 5A) that can switch capacity and brightness based on pre-set times.



Lightronics offers full system integration with Controlled Solutions. This includes the use of communication modules from brands such as CityTouch, Luminext or TVilight.



As an option, this luminaire can be provided with a Zhaga book 18 connector and is Zhaga-D4i certified. This means that the luminaire can communicate with all sensors and nodes that also dispose of a Zhaga-D4i certificate and is as such suitable for the latest developments in the field of smart lighting and connectivity.



The smart lighting system SmartScan optimises the use of luminaires in your environment. Thanks to wireless communication, there is always sufficient light when required and energy is saved.

BURAN PLUS | LED²WELL CORE OUR STANDARD LIGHTING SOLUTION

Number of LEDs	Lumen	3000K		4000K	
		LED-power (W)	System power (W)	LED-power (W)	System power (W)
32	3240	18,7	22,0	17,7	21,1
	3500	19,9	23,4	19,5	22,9
	3780	20,8	24,2	20,4	23,8
	4000	22,1	25,6	20,8	24,2
	4320	24,3	28,0	22,9	26,5
	4860	28,3	32,1	26,6	30,3
	5200	30,9	34,8	29,2	33,0
	5670	33,7	37,7	31,8	35,7
	6000	36,0	40,1	34,1	38,1
	6480	40,0	44,2	37,3	41,5
	7290	51,1	50,5	42,2	46,6
	8000	50,5	55,4	47,8	52,4
48	6480	36,3	41,3	33,6	38,4
	6840	38,9	44,0	35,6	40,5
	7290	41,7	46,9	38,3	43,4
	7560	43,0	48,2	39,6	44,7
	7800	45,0	50,3	41,0	46,1
	8100	47,0	52,5	43,0	48,2
	8640	50,4	56,1	46,4	51,9
	9720	57,9	64,1	52,5	58,2
	10800	65,5	72,2	60,0	66,2
64	8640	48,4	53,5	45,6	50,8
	9720	55,3	60,7	52,7	58,0
	10800	63,2	68,9	59,7	65,3
	11500	68,4	74,4	64,0	69,8
	12500	74,7	81,0	71,0	77,2
	13800	84,5	91,4	81,0	87,6
	14800	92,5	99,9	85,4	92,2
	15500	97,0	104,7	90,8	97,9
	16000	100,6	108,4	95,4	102,8
	17000	108,9	117,1	101,7	109,4
	18000	119,0	128,0	110,8	119,2

BURAN PLUS | LED²WELL PRO OUR ENERGY-EFFICIENT SOLUTION FOR ULTIMATE LIGHTING COMFORT

Number of LEDs	Lumen	3000K		4000K	
		LED-power (W)	System power (W)	LED-power (W)	System power (W)
64	3240	16,6	19,9	15,8	19,2
	3500	18,0	21,4	17,1	20,7
	3780	19,3	23,2	18,8	22,4
	4000	20,6	24,1	19,7	23,3
	4320	22,3	26,0	21,5	25,1
	4860	25,9	29,3	25,0	28,3
	5200	27,6	31,4	26,7	30,3
	5670	30,3	34,3	29,4	33,1
	6000	32,5	36,4	31,2	35,1
	6480	35,6	39,5	34,3	38,1
	7290	40,5	44,8	38,8	43,2
	8000	45,5	49,7	43,7	48,0
96	6480	34,2	38,9	32,2	36,9
	6840	36,8	41,7	34,2	38,9
	7290	38,8	43,6	36,8	41,7
	7560	40,8	45,7	38,1	43,0
	7800	42,1	47,0	39,4	44,3
	8100	44,1	49,1	41,4	46,3
	8640	46,7	51,8	44,1	49,1
	9720	53,4	58,7	50,0	55,4
	10800	60,1	65,9	57,4	63,0
128	8640	45,4	51,9	42,8	49,3
	9720	51,6	58,3	49,0	55,5
	10800	58,6	65,5	55,1	61,8
	11500	62,2	69,2	58,6	65,5
	12500	69,2	76,4	65,7	72,8
	13800	78,1	85,8	72,8	80,3
	14800	83,4	91,3	78,9	86,8
	15500	87,8	96,0	82,5	90,4
	16000	91,4	99,8	86,0	94,3
	17000	97,5	106,4	91,4	99,8
	18000	103,7	112,8	97,5	106,4



BURAN PLUS EXTREME

**— VERSATILE AND FLEXIBLE:
PART OF THE BURAN FAMILY**

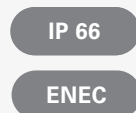
With its light output of 30,000 lumens, the BURAN PLUS EXTREME can be used at post heights of up to 20 metres. The BURAN PLUS EXTREME is equipped with a clear diffuser and is 20% less dazzling than similar luminaires. The tilt adjustment feature ensures exactly the right light pattern for every situation.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



Application areas



Characteristics



OPTIONS



PRODUCT SPECIFICATIONS

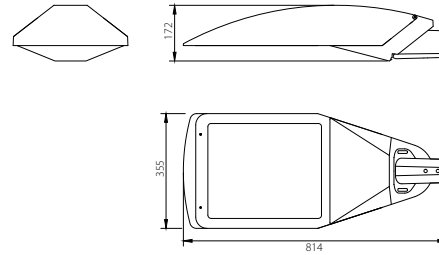
- Housing aluminum double coated (RAL 9007, 9005 and 7016)
- Light cover clear safety glass
- Pole mounting (separate pole pieces)
- For pole mounted 60 mm
- For bracket mounted 76 mm
- Tilt angle adjustable by bracket mounting 60 mm from -15 to 0°, by pole mounting 76 mm 0 to 10°
- Mass: ± 16 kg (depends on model)
- Wind surface: ± 0.08 m² (side), ± 0.04 m² (front)
- Safety class: I
- Assembly-, installation- and maintenance-friendly
- 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 (4000K) or 3000K (warm white)
- Expected lifespan 100.000 hours at T environment = 25°C (L96/F10)
- Different lens configurations

OPTIONS

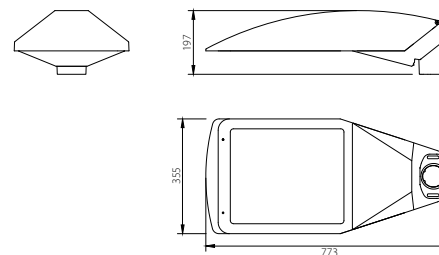
- Other RAL colour
- Safety class: II
- Several dimmable options available: Dali, Dynadimmer (integrated in driver)
- Protection to prevent light pollution
- Spherical diffuser or Optica
- Other pre-fitted cable

DIMENSIONS BURAN PLUS EXTREME IN MM

Pole size 48/60 (bracket mounted)



Pole size 76 (pole mounted)



SMART CITY READY (optional)

Zhaga book 18 connector and screw cap (waterproof, IP66)



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For orientation lighting. Applicable for all BURAN models, with the exception of the BURAN EXL.



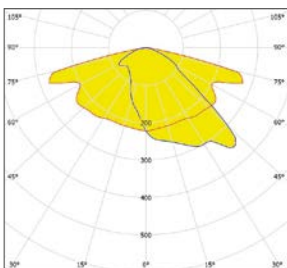
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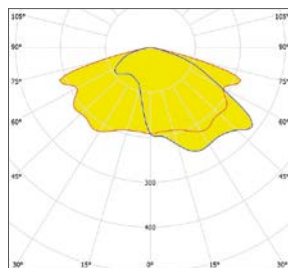
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		3000K		4000K	
Number of LEDs	Lumen	LED-power (W)	System power (W)	LED-power (W)	System power (W)
80	19000	116,9	126,7	-	-
	20000	126,2	136,5	116,9	126,7
	20500	128,6	138,7	119,1	129,1
	21000	134,6	145,2	125,0	135,2
	21500	136,9	147,8	127,3	137,7
	22000	142,9	154,1	133,2	144,0
	22500	145,2	156,8	135,7	146,5
	23000	-	-	140,6	151,6
	23500	-	-	144,1	155,5
96	24000	150,3	164,1	140,9	154,0
	24500	154,4	168,2	145,2	158,5
	25000	158,7	172,7	148,7	162,3
	25500	161,4	175,5	151,4	164,9
	26000	165,3	179,5	157,1	170,9
	26500	172,4	187,0	159,5	173,7
	27000	173,5	187,9	162,2	176,4
	27500	179,3	193,9	165,3	179,5
	28000	180,5	195,4	172,4	187,0
	28500	187,4	202,6	175,2	189,7
	29000	191,9	207,1	179,3	193,9
	29500	194,4	210,0	180,5	195,4
	30000	195,8	211,4	187,4	202,6

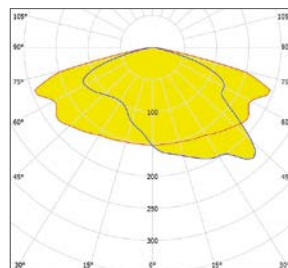
ASYMMETRIC AVERAGE WIDE ROAD (BPE1)



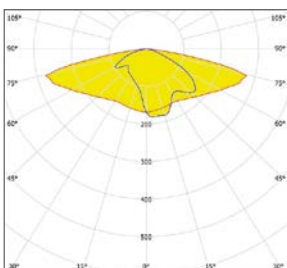
ASYMMETRIC AVERAGE WIDE ROAD (BPE2)



ASYMMETRIC WIDE ROAD (BPE3)



ASYMMETRIC NARROW ROAD (BPE4)



SYMMETRIC ROUND (BPE5)

