arealamp

PRODUCT CATALOG **2021/2022**

Dear Sir or Madam,

technological progress and civilization force us to use more and better technical solutions and constant improvement of standards.

We would like to present you the offer of outdoor lamps i.e lighting of streets, car parkings, squares, sports areas, ilumination of buildings and interior lamps i.e. lighting of gyms, halls, churches.

The company was founded in 2008, when street lighting market was dominated by western companies.

Strong interest in our products caused that since 2010 we have expanded our range of decorative lamps which have an interseting design while maintaining the best performance standards and parameters of light.

Arealamp has products that adapt to modern needs such as:

- **Ecology** - through the use of materials (glass, aluminum), produced lamps are completely recyclable.
- **Energetic efficiency** - the use of solutions with high technical parameters and photometric characteristics, which provide design energetic effective lighting system.
- **Economy** - the use of lightweight and durable materials that reduce the weight of lamps.

High technical parameters - the use of high quality optics and raising the efficiency of our lamps.

We raise the standards but adjusting prices of our products to domestic realities.

Thousands sold lamps proves their quality and functionality, and trust of more and more customers.

We invite you to take adventages of our offer. We can help you during the design and implementation of the investment.

The company's management
Arealamp

DESCRIPTION OF THE SIGNS:

- Lamp suitable for lighting of expressways, highways.
- Lamp suitable for lighting of urban, residentials areas.
- Lamp suitable for lighting of parks, squares, pedestrian roads.
- Lamp suitable for lighting of parking lot and squares.
- Lamp suitable for lighting of sports areas.
- Lamp suitable for lighting of overpasses and bridges.
- Lamp made of easily recyclable materials, environmentally friendly, long-life (aluminum and glass).
- Lamp enabling the design of energy efficient lighting system, achieving a reduction in operating costs.
- (Conformite Europeenne) labeled product with directives so called "New Approach" European Union (UE).
- The luminaires are certified by an independent research unit in the eu confirming compliance with relevant standards and directives.
- Protection class I
- Protection class II
- IP 66 — Ingress Protection Rating. Optical compartment and control gear.
- IK 10 — Protection against mechanical impacts.
- Color RAL.
- cosφ — Power factor cos φ.
- CCT / CRI — CCT - Correlated Color Temperature. CRI - Color Rendering Index.
- kg — Weight of the luminaire.
- CxS — Surface of wind exposure (CxS).
- Operating temperature.
- Durability (h).

NEW LED 1, 2, 3 3030

IP 66

IK 09

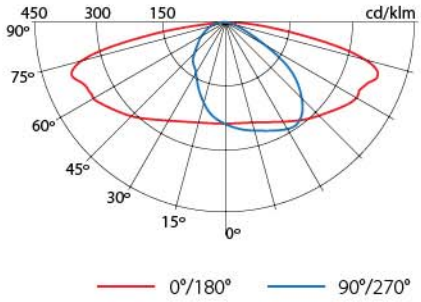
Modern fixtures NEW LED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

ADVANTAGES

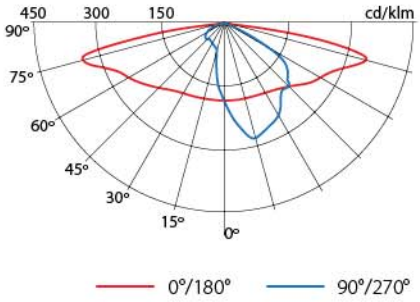
- two compartment luminaire made of high-quality die-cast aluminum
- glass diffuser
- neoprene seal providing IP66 tightness to entire luminaire
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

NEW LED 2 99W

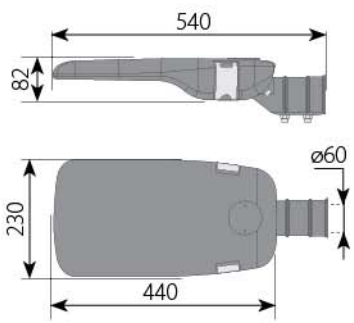


NEW LED 2 107W

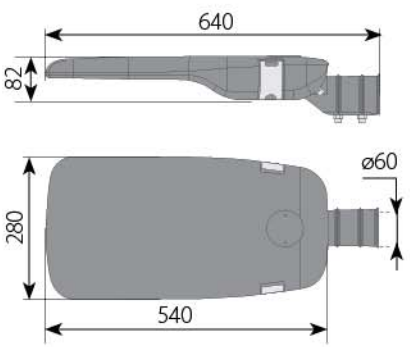


DIMENSIONS

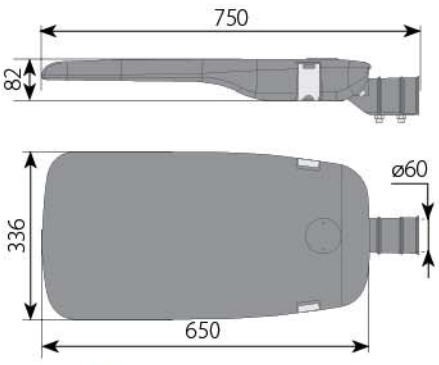
NEW LED 1



NEW LED 2



NEW LED 3



arealamp

TECHNICAL DATA

Nominal luminous flux

LED number		NEW LED 1		NEW LED 2		NEW LED 3	
		48 LED	72 LED	108 LED	144 LED	192 LED	240 LED
Current 350mA	Luminous flux (lm)	3014	4522	6782	9043	12058	15072
	Power (W)	17	25	38	51	68	85
Current 500mA	Luminous flux (lm)	4214	6320	9480	12641	16854	21068
	Power (W)	25	37	56	74	99	123
Current 700mA	Luminous flux (lm)	5695	8542	12814	17085	22780	28475
	Power (W)	36	54	80	107	143	179
Current 1000mA	Luminous flux (lm)	7873	10865*	17715	-	31494	-
*for current 900mA	Power (W)	52	70*	117	-	208	-
CxS	Surface of wind exposure (CxS)	0,03 m²		0,037 m²		0,04 m²	
kg	Weight of the luminaire	3,2 kg		4,7 kg		6,9 kg	

• Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
• The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
• Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
LUMILED 3030

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

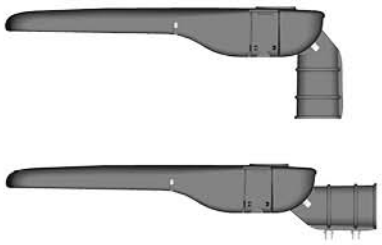
RAL **9007**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety lock against accidental closing of the body during maintenance
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket
- IP67



adjustable mounting ± 10°

NEW LED 1, 2, 3 XP-G3

IP 66

IK 09

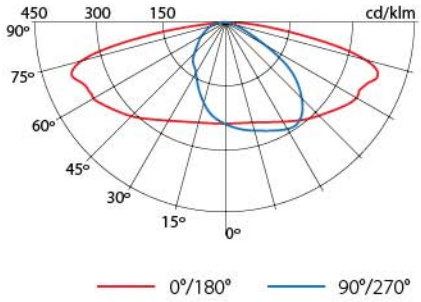
Modern fixtures NEW LED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

ADVANTAGES

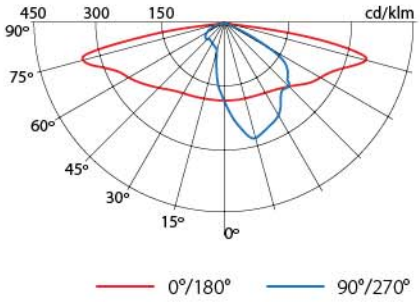
- two compartment luminaire made of high-quality die-cast aluminum
- glass diffuser
- neoprene seal providing IP66 tightness to entire luminaire
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

NEW LED 2 99W

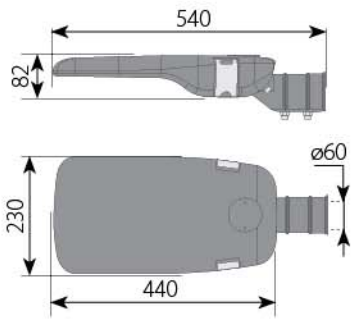


NEW LED 2 107W

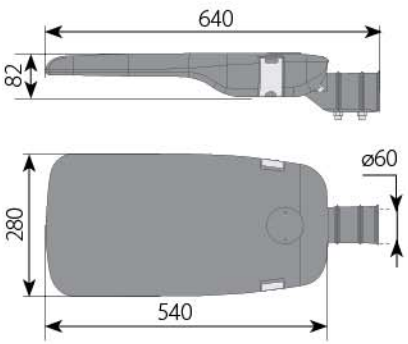


DIMENSIONS

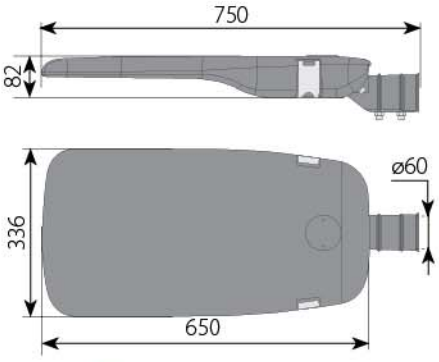
NEW LED 1



NEW LED 2



NEW LED 3



arealamp

TECHNICAL DATA

Nominal luminous flux

LED number		NEW LED 1				NEW LED 2				NEW LED 3					
		16 LED	24 LED	32 LED	48 LED	32 LED	48 LED	64 LED	72 LED	72 LED	80 LED	96 LED	120 LED	144 LED	160 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631	5754	8631	11508	12947	12947	14385	17262	21578	25894	28771
	Power (W)	17	25	33	50	33	50	67	75	75	84	100	125	151	167
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479	7653	11479	15306	17219	17219	19132	22959	28699	34438	31935*
*for current 400mA	Power (W)	24	36	48	72	48	72	97	109	109	121	145	181	217	192*
Current 700mA	Luminous flux (lm)	5380	8070	10760	-	10760	16140	-	-	24210	26901	-	-	-	-
	Power (W)	34	51	69	-	69	103	-	-	154	172	-	-	-	-
Current 1000mA	Luminous flux (lm)	7193	-	-	-	14385	-	-	-	-	-	-	-	-	-
	Power (W)	50	-	-	-	100	-	-	-	-	-	-	-	-	-
CxS	Surface of wind exposure (CxS)	0,03 m²				0,037 m²				0,04 m²					
kg	Weight of the luminaire	3,2 kg				4,7 kg				6,9 kg					

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

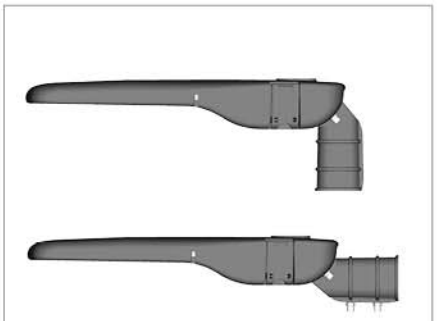
RAL **9007**

EASY AND SAFE MAINTENANCE

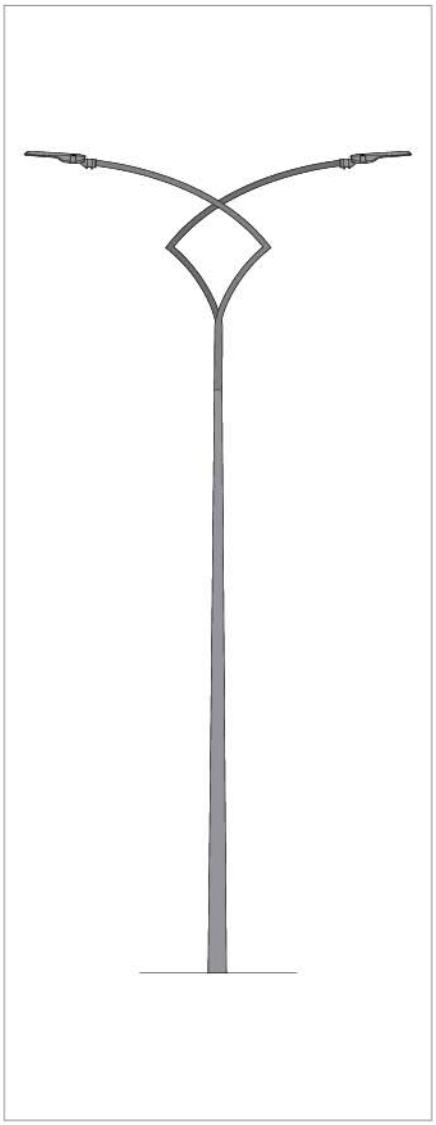
- maintenance without tools
- safety lock against accidental closing of the body during maintenance
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- adjustable mounting ±90°
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket
- IP67



adjustable mounting ± 90°



LEDFLEX 1, 2, 3

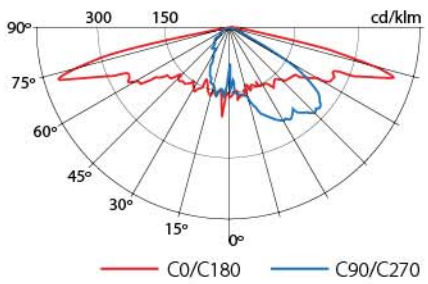
Modern fixtures LEDFLEX with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

ADVANTAGES

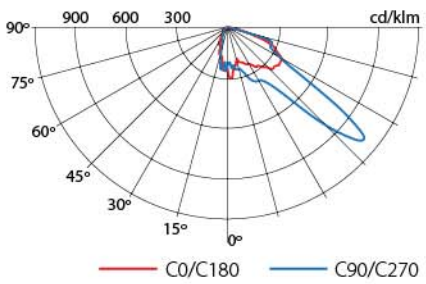
- two compartment luminaire made of high-quality die-cast aluminum
- neoprene seal providing IP66 tightness to entire luminaire
- glass diffuser
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

LEDFLEX 1 71W

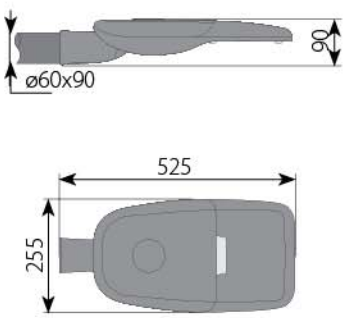


LEDFLEX 1 ZEBRA 71W

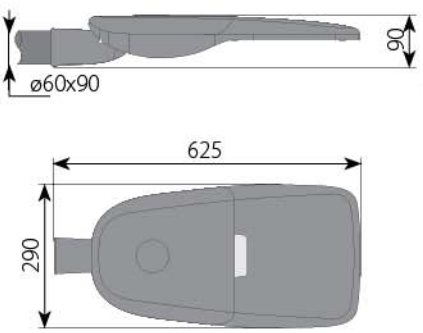


DIMENSIONS

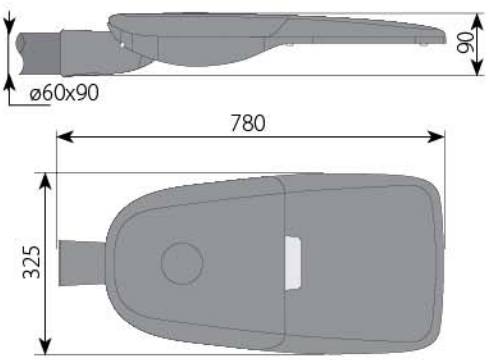
LEDFLEX 1



LEDFLEX 2



LEDFLEX 3



TECHNICAL DATA

Nominal luminous flux

LED number		LEDFLEX 1				LEDFLEX 2						LEDFLEX 3				
		16 LED	24 LED	32 LED	48 LED	32 LED	48 LED	64 LED	72 LED	80 LED	96 LED	64 LED	72 LED	80 LED	96 LED	128 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631	5754	8631	11508	12947	14385	17262	11508	12947	14385	17262	23017
	Power (W)	17	25	33	50	33	50	67	75	84	100	67	75	84	100	134
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479	7653	11479	15306	17219	-	-	15306	17219	19132	22959	-
	Power (W)	24	36	48	72	48	72	97	109	-	-	97	109	121	145	-
Current 700mA	Luminous flux (lm)	5380	8070	10760	-	10760	16140	-	-	-	-	21520	24210	-	-	-
	Power (W)	34	51	69	-	69	103	-	-	-	-	137	154	-	-	-
Current 800mA	Luminous flux (lm)	6128	-	-	-	12256	-	-	-	-	-	-	-	-	-	-
	Power (W)	39	-	-	-	79	-	-	-	-	-	-	-	-	-	-
CxS	Surface of wind exposure (CxS)	0,03 m²				0,035 m²						0,04 m²				
kg	Weight of the luminaire	5,5 kg				6,5 kg						8,7 kg				

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ
min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL
7037

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety lock against accidental closing of the body during maintenance
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket
- any color from the RAL palette on request
- IP 67

modular set of lenses

adjustable mounting ± 15°

LEDFLEX 4

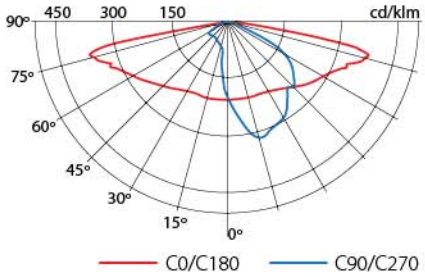
Modern fixtures LEDFLEX 4 with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

ADVANTAGES

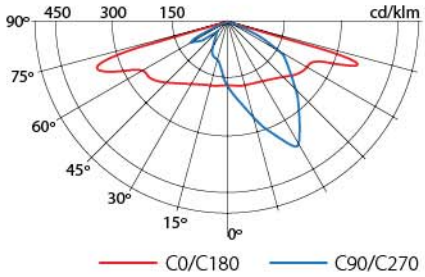
- two compartment luminaire made of high-quality die-cast aluminum
- neoprene seal providing IP66 tightness to entire luminaire
- glass diffuser
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

LEDFLEX 4 217W

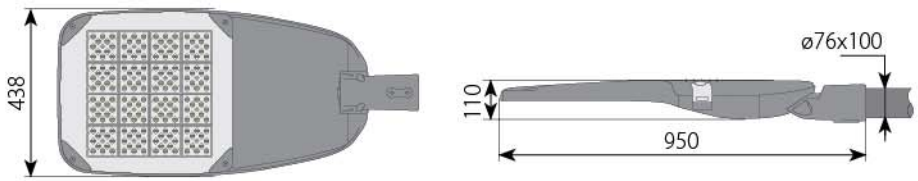


LEDFLEX 4 145W



DIMENSIONS

LEDFLEX 4



TECHNICAL DATA

Nominal luminous flux

LED number		LEDFLEX 4 96 LED	120 LED	144 LED	168 LED
Current 350mA	Luminous flux (lm)	17262	21578	25894	30209
	Power (W)	100	125	151	176
Current 500mA	Luminous flux (lm)	22959	28699	34438	40178
	Power (W)	145	181	217	254
Current 700mA	Luminous flux (lm)	32281	40351	48421	56491
	Power (W)	206	257	309	360
Current 1000mA	Luminous flux (lm)	43156	-	-	-
	Power (W)	300	-	-	-
CxS	Surface of wind exposure (CxS)	0,066 m²			
kg	Weight of the luminaire	96 LED - 15,1 kg; 120 i 144 LED - 15,3 kg; 168 LED - 15,5 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ
min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL
7037

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety lock against accidental closing of the body during maintenance
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket
- any color from the RAL palette on request
- IP 67


adjustable mounting ± 15°

TEOLED S1, 1, 2

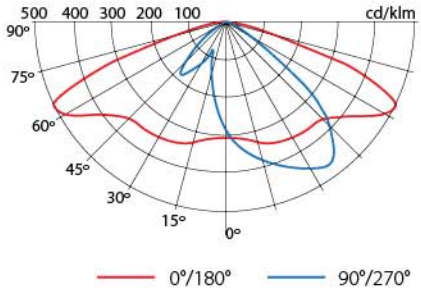
IP 67

IK 10

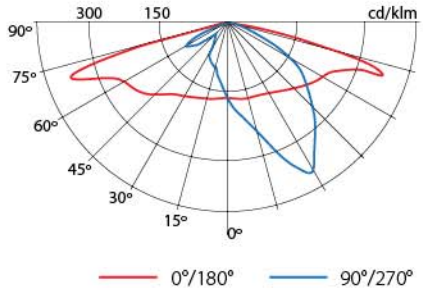
Modern fixtures TEOLED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

DISTRIBUTION CURVE

TEOLED S1 58W



TEOLED 1 77W

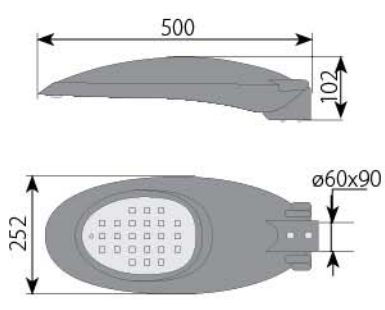


ADVANTAGES

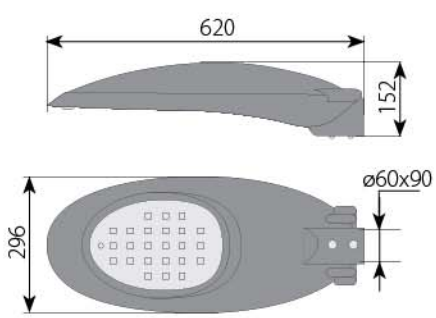
- two compartment luminaire made of high-quality die-cast aluminum
- neoprene seal providing IP67 tightness to entire luminaire
- glass diffuser
- the luminaire is equipped with a mounting bracket that allows adjustment of the luminaire's suspension angle
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DIMENSIONS

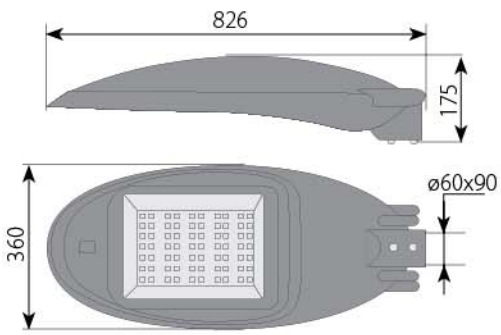
TEOLED S1



TEOLED 1



TEOLED 2



arealamp

TECHNICAL DATA

Nominal luminous flux

LED number		TEOLED S1 8 LED	TEOLED S1 16 LED	TEOLED S1 32 LED	TEOLED 1 24 LED	TEOLED 1 36 LED	TEOLED 1 48 LED	TEOLED 2 70 LED	TEOLED 2 96 LED
Current 350mA	Luminous flux (lm)	1439	2877	5754	4316	6473	8631	12587	17262
	Power (W)	8	17	33	25	38	50	73	100
Current 500mA	Luminous flux (lm)	1913	3826	7653	5740	8610	11479	16741	22959
	Power (W)	12	24	48	36	54	72	106	145
Current 700mA	Luminous flux (lm)	2690	5380	10760	8070	12105	16140	23538	32281
	Power (W)	17	34	69	51	77	103	150	206
Current 1000mA	Luminous flux (lm)	3596	7193	-	10789	16183	-	-	-
	Power (W)	25	50	-	75	113	-	-	-
CxS	Surface of wind exposure (CxS)	0,02 m²			0,045 m²			0,067 m²	
kg	Weight of the luminaire	4,7 kg			6,5 kg			10,5 kg	

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9022**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety lock against accidental closing of the body during maintenance
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket
- mounting bracket with a diameter ø76

TESLA A LED, TESLA B LED

IP 66
IK 10

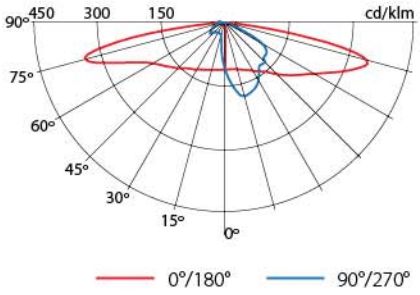
TESLA A LED

TESLA B LED

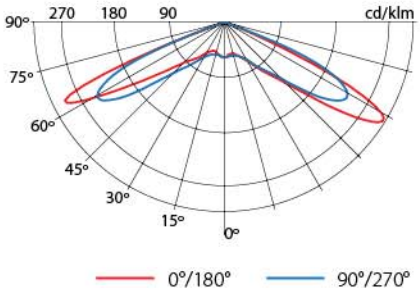
Modern fixtures TESLA LED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

DISTRIBUTION CURVE

TESLA A LED 51W



TESLA A LED 34W

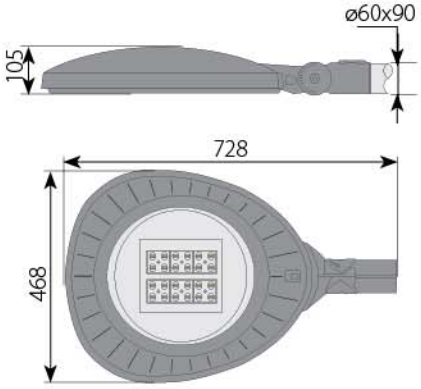


ADVANTAGES

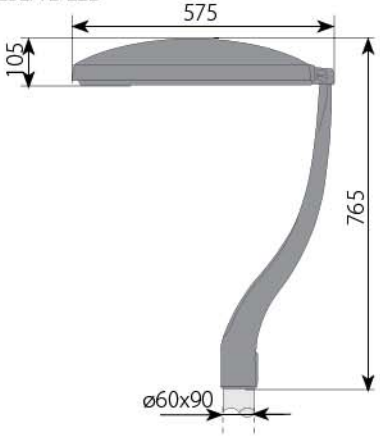
- two compartment luminaire made of high-quality die-cast aluminum
- neoprene seal providing IP66 tightness to entire luminaire
- glass diffuser
- Tesla A LED equipped with adjustable mounting bracket which makes regulation of suspension angle each lamp
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

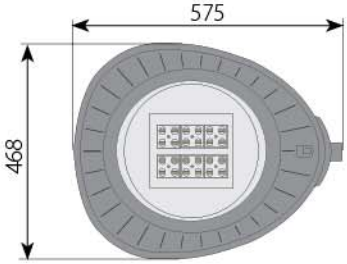
DIMENSIONS

TESLA A LED



TESLA B LED





arealamp

TECHNICAL DATA

Nominal luminous flux

LED number		TESLA A LED 16 LED	TESLA A LED 24 LED	TESLA A LED 32 LED	TESLA A LED 48 LED	TESLA B LED 16 LED	TESLA B LED 24 LED	TESLA B LED 32 LED	TESLA B LED 48 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631	2877	4316	5754	8631
	Power (W)	17	25	33	50	17	25	33	50
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479	3826	5740	7653	11479
	Power (W)	24	36	48	72	24	36	48	72
Current 700mA	Luminous flux (lm)	5380	8070	10760	16140	5380	8070	10760	16140
	Power (W)	34	51	69	103	34	51	69	103
Current 1000mA	Luminous flux (lm)	7193	10789	14385	21578	7193	10789	14385	21578
	Power (W)	50	75	100	150	50	75	100	150
CxS	Surface of wind exposure (CxS)	0,06 m²				0,06 m²			
kg	Weight of the luminaire	9 kg				9,5 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

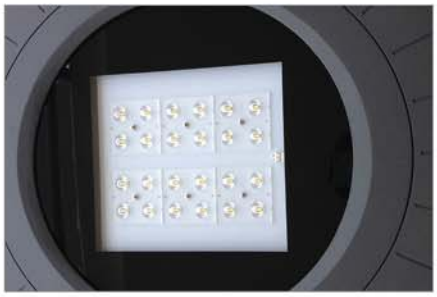
RAL **9022 / 7043**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety lock against accidental closing of the body during maintenance
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket



VEGA LED

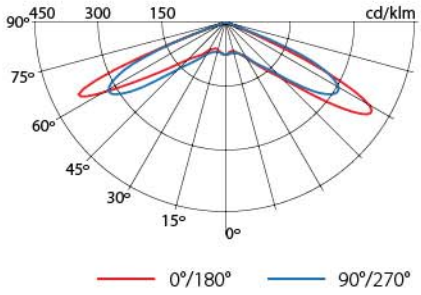
Modern fixtures VEGA LED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

ADVANTAGES

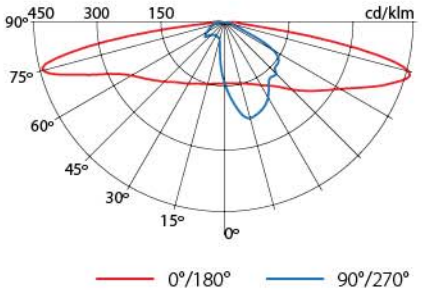
- body made from high quality die cast aluminum with powder painting
- UV-resistant glass cover protecting lens against dirt and damage
- post top or side entry mounting
- adjustable mounting ± 90°
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

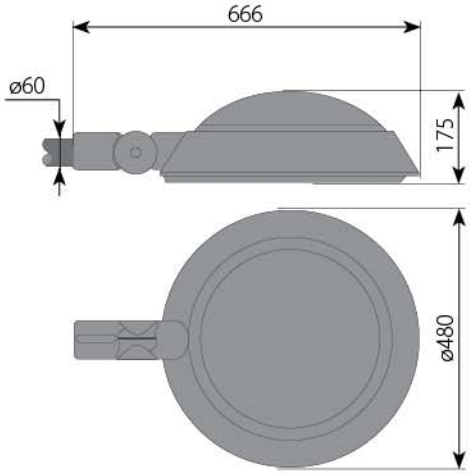
VEGA LED 24W

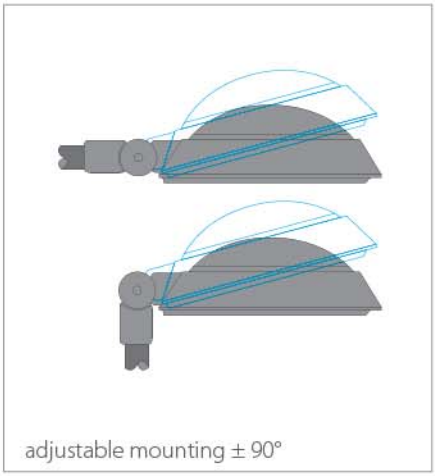


VEGA LED 74W



DIMENSIONS





TECHNICAL DATA

Nominal luminous flux

LED number		VEGA LED 16 LED	24 LED	32 LED	48 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631
	Power (W)	17	25	33	50
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479
	Power (W)	24	36	48	72
Current 700mA	Luminous flux (lm)	5380	8070	10760	16140
	Power (W)	34	51	69	103
Current 1000mA	Luminous flux (lm)	7193	10789	14385	-
	Power (W)	50	75	100	-
CxS	Surface of wind exposure (CxS)	0,09 m²			
kg	Weight of the luminaire	9,5 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

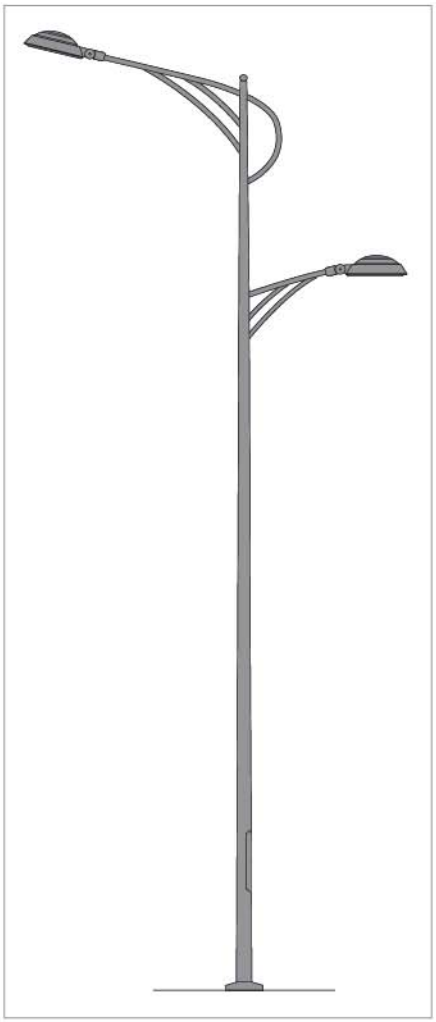
RAL **7016**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety steel rope preventing opened cover
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket



VEGA LED P

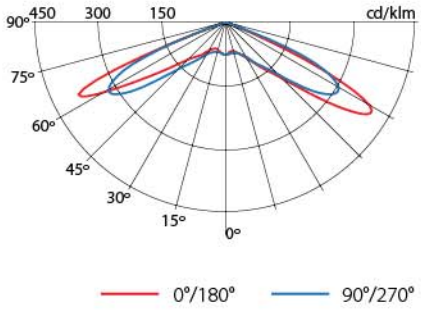
IP 66

IK 09

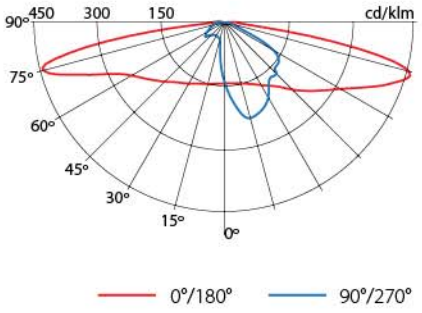
Modern decorative outdoor LED lamp, post-top mounted, for lighting boulevards, pedestrian routes, bicycle paths and residential area. Perfect solution to improve level of light intensity in cities while saving energy.

DISTRIBUTION CURVE

VEGA LED P 24W



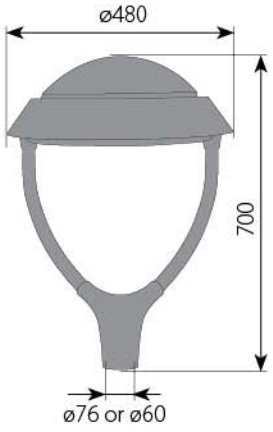
VEGA LED P 74W



ADVANTAGES

- lamp body made from high quality die cast aluminum with powder painting
- mounting directly on a pole
- the luminaire is equipped with a breathable filter and a UV-resistant glass cover
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DIMENSIONS



TECHNICAL DATA

Nominal luminous flux

LED number		VEGA LED P 16 LED	24 LED	32 LED	48 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631
	Power (W)	17	25	33	50
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479
	Power (W)	24	36	48	72
Current 700mA	Luminous flux (lm)	5380	8070	10760	16140
	Power (W)	34	51	69	103
Current 1000mA	Luminous flux (lm)	7193	10789	14385	-
	Power (W)	50	75	100	-
CxS	Surface of wind exposure (CxS)	0,13 m²			
kg	Weight of the luminaire	12 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

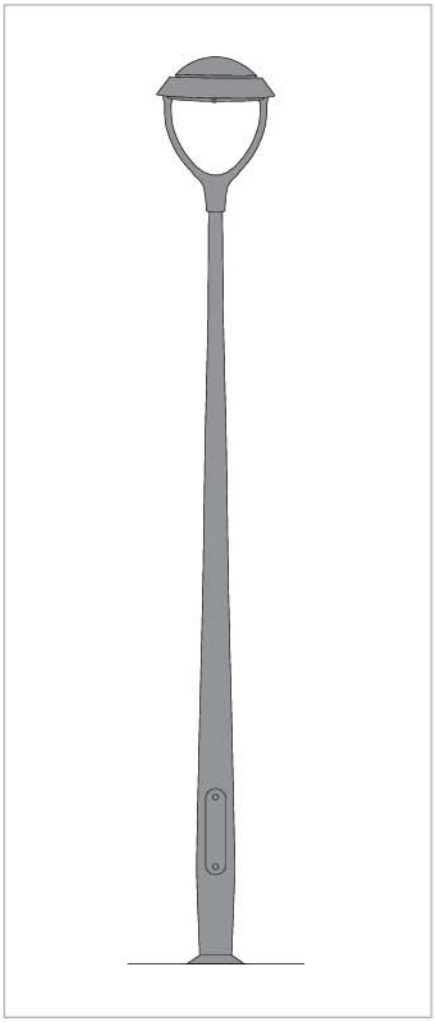
RAL **7016**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety steel rope preventing opened cover
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket



ALIEN LED

IP 66

IK 08

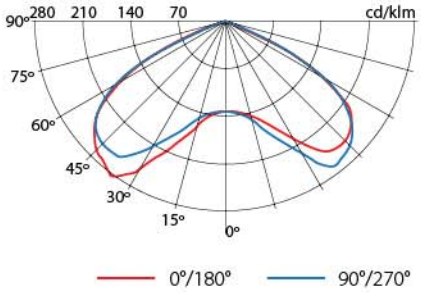
Modern decorative outdoor LED lamp for lighting boulevards, pedestrian routes, bicycle paths and residential area

ADVANTAGES

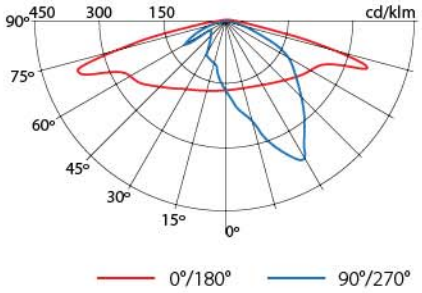
- luminaire made from high quality die cast aluminum
- neoprene seal providing IP66 tightness to entire luminaire
- glass diffuser
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

ALIEN LED 60W

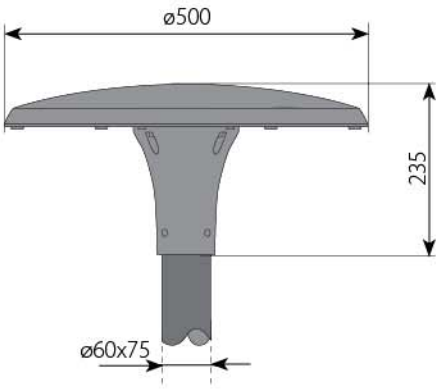


ALIEN LED 40W



DIMENSIONS

ALIEN LED



arealamp

TECHNICAL DATA

Nominal luminous flux

		ALIEN LED
LED number		32 LED
Current 350mA	Luminous flux (lm)	5754
	Power (W)	33
Current 500mA	Luminous flux (lm)	7653
	Power (W)	48
Current 700mA	Luminous flux (lm)	10760
	Power (W)	69
CxS Surface of wind exposure (CxS)		0,035 m^2
kg Weight of the luminaire		9,5 kg

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9007 / 7035**

EASY AND SAFE MAINTENANCE

- maintenance without tools

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket

AURA LED

IP 66

IK 09

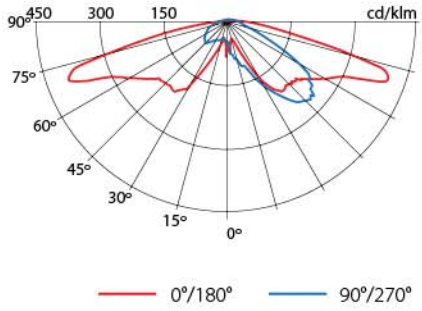
Modern decorative outdoor LED lamp for lighting boulevards, pedestrian routes, bicycle paths and residential area

ADVANTAGES

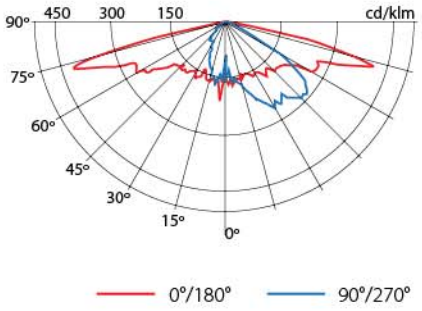
- made of aluminum cast
- optical system in lenticular technology, mounted inside the luminaire
- prismatic cover resistant to impact
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

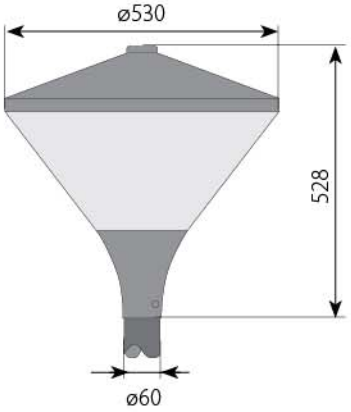
AURA LED 34W



AURA LED 51W



DIMENSIONS



TECHNICAL DATA

Nominal luminous flux

LED number		AURA LED 16 LED	24 LED	32 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754
	Power (W)	17	25	33
Current 500mA	Luminous flux (lm)	3826	5740	7653
	Power (W)	24	36	48
Current 700mA	Luminous flux (lm)	5380	8070	10760
	Power (W)	34	51	69
Current 1000mA	Luminous flux (lm)	7193	-	-
	Power (W)	50	-	-
CxS Surface of wind exposure (CxS)		0,10 m²		
kg Weight of the luminaire		4,5 kg		

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9007**

EASY AND SAFE MAINTENANCE

- maintenance without tools

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket

A-DECO LED

IP 66

IK 09

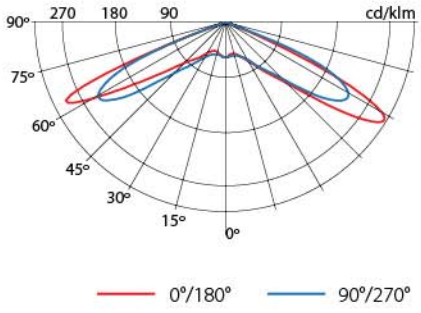
Modern decorative outdoor LED lamp for lighting boulevards, pedestrian routes, bicycle paths and residential area

ADVANTAGES

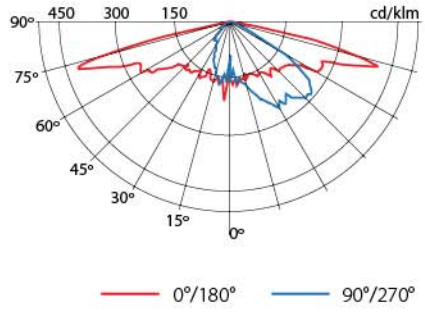
- made of aluminum cast
- optical system in lenticular technology, mounted inside the luminaire
- transparent PC cover resistant to impact
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

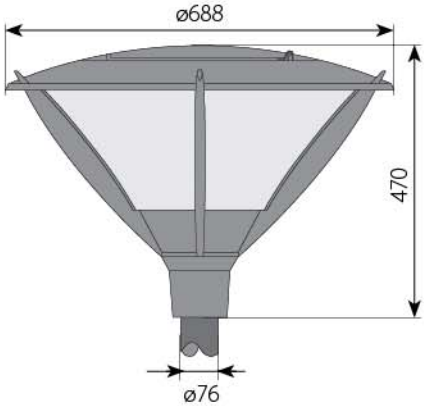
A-DECO LED 34W



A-DECO LED 74W



DIMENSIONS



TECHNICAL DATA

Nominal luminous flux

LED number		A-DECO LED 16 LED	24 LED	32 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754
	Power (W)	17	25	33
Current 500mA	Luminous flux (lm)	3826	5740	7653
	Power (W)	24	36	48
Current 700mA	Luminous flux (lm)	5380	8070	10760
	Power (W)	34	51	69
Current 1000mA	Luminous flux (lm)	7193	10789	-
	Power (W)	50	75	-
CxS	Surface of wind exposure (CxS)		0,10 m²	
kg	Weight of the luminaire		5,5 kg	

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company..

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9007**

EASY AND SAFE MAINTENANCE

- maintenance without tools

ADDITIONAL OPTIONS

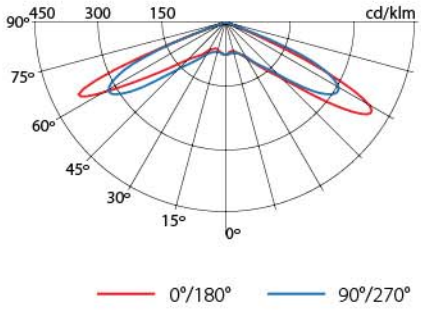
- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket

A-BORA LED

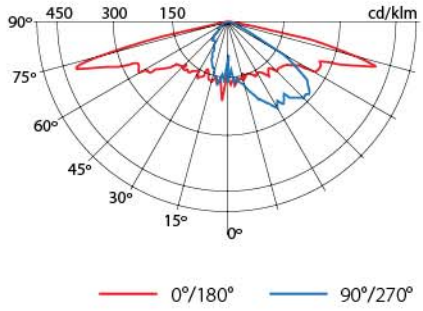
Modern fixtures A-BORA LED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

DISTRIBUTION CURVE

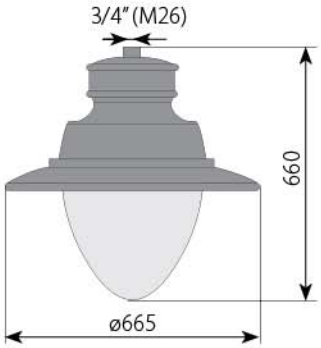
A-BORA LED 49W



A-BORA LED 74W

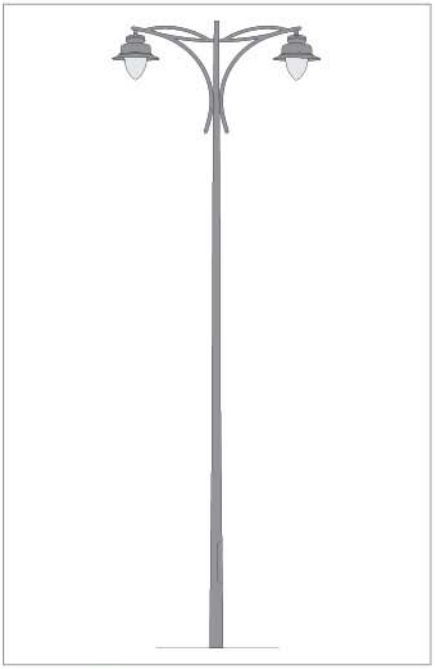


DIMENSIONS



ADVANTAGES

- lamp body made from high quality die cast aluminum and aluminum sheet with powder painting
- transparent PC cover resistant to impact
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters



TECHNICAL DATA

Nominal luminous flux

LED number		A-BORA LED 16 LED	24 LED	32 LED	48 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631
	Power (W)	17	25	33	50
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479
	Power (W)	24	36	48	72
Current 700mA	Luminous flux (lm)	5380	8070	10760	16140
	Power (W)	34	51	69	103
Current 1000mA	Luminous flux (lm)	7193	10789	14385	-
	Power (W)	50	75	100	-
CxS	Surface of wind exposure (CxS)	0,09 m²			
kg	Weight of the luminaire	5 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9005**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- reduction of the fixture's power

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket

KOMLED

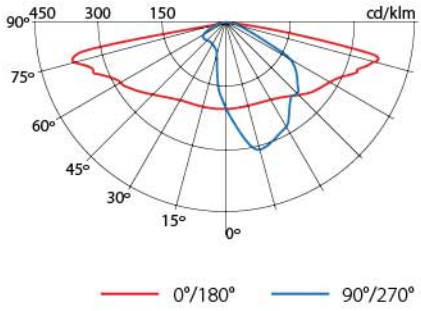
Modern fixtures KOMLED with optimized photometric performance and low cost investment. Perfect solution to improve level of light intensity in cities while saving energy.

ADVANTAGES

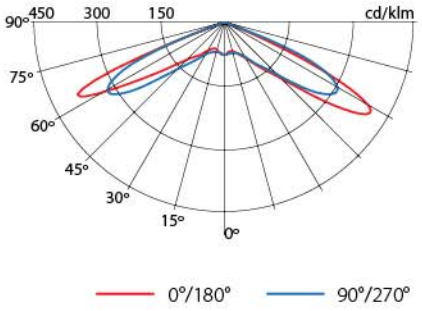
- lamp body made of aluminum cast
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters
- available in options:
  - FG – flat glass diffuser, 4mm
  - PC – convex lampshade made of PC
  - PS – convex lampshade in the shape of a PC cone
  - 2P-FG – for suspension with flat glass diffuser, 4mm

DISTRIBUTION CURVE

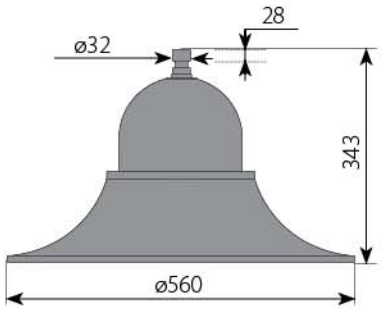
KOMLED 36W -102W SCL-FG



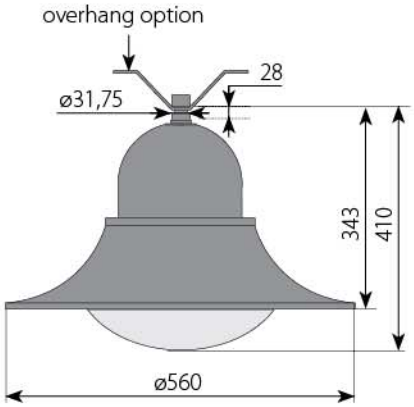
KOMLED 49W



DIMENSIONS



overhang option



TECHNICAL DATA

Nominal luminous flux

LED number		KOMLED 16 LED	24 LED	32 LED	48 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631
	Power (W)	17	25	33	50
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479
	Power (W)	24	36	48	72
Current 700mA	Luminous flux (lm)	5380	8070	10760	16140
	Power (W)	34	51	69	103
Current 1000mA	Luminous flux (lm)	7193	10789	14385	-
	Power (W)	50	75	100	-
CxS	Surface of wind exposure (CxS)	0,011 m²			
kg	Weight of the luminaire	4,5 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

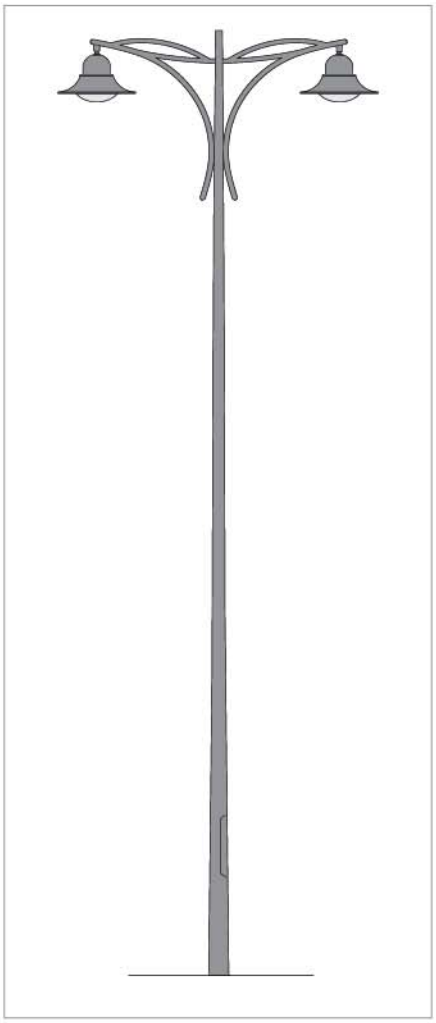
RAL **9005**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- reduction of the fixture's power

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket



BONA A LED, BONA B LED

IP 66
IK 08

BONA A LED

BONA B LED

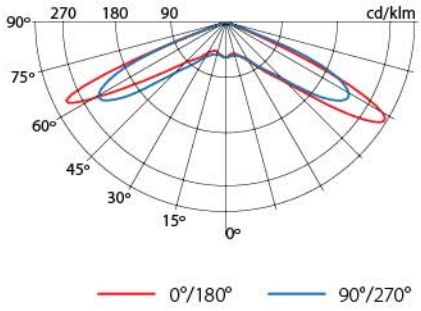
Modern decorative outdoor LED lamp for lighting boulevards, pedestrian routes, bicycle paths and residential area

ADVANTAGES

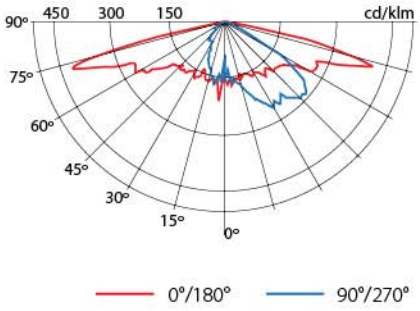
- made of die-cast aluminum
- optical system in lenticular technology, mounted inside the luminaire
- prismatic cover resistant to impact
- convex and transparent lampshade made from PC
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

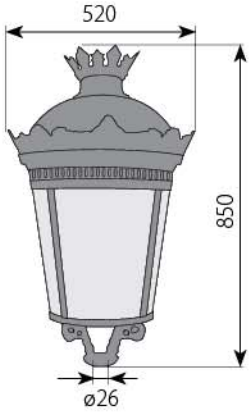
BONA LED 34W

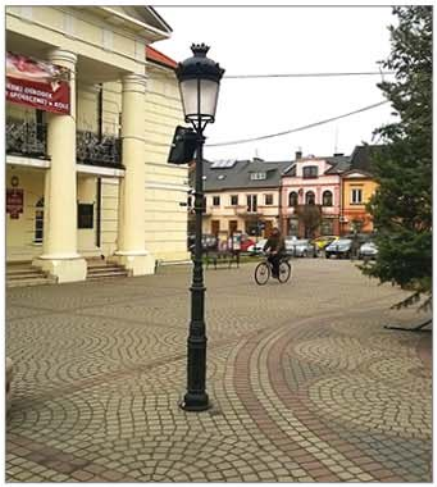


BONA LED 51W



DIMENSIONS





TECHNICAL DATA

Nominal luminous flux

LED number		BONA A LED, BONA B LED 16 LED	24 LED	32 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754
	Power (W)	17	25	33
Current 500mA	Luminous flux (lm)	3826	5740	7653
	Power (W)	24	36	48
Current 700mA	Luminous flux (lm)	5380	8070	10760
	Power (W)	34	51	69
Current 1000mA	Luminous flux (lm)	7193	-	-
	Power (W)	50	-	-
CxS Surface of wind exposure (CxS)		0,10 m²		
kg Weight of the luminaire		4,5 kg		

• Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
• The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
• Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

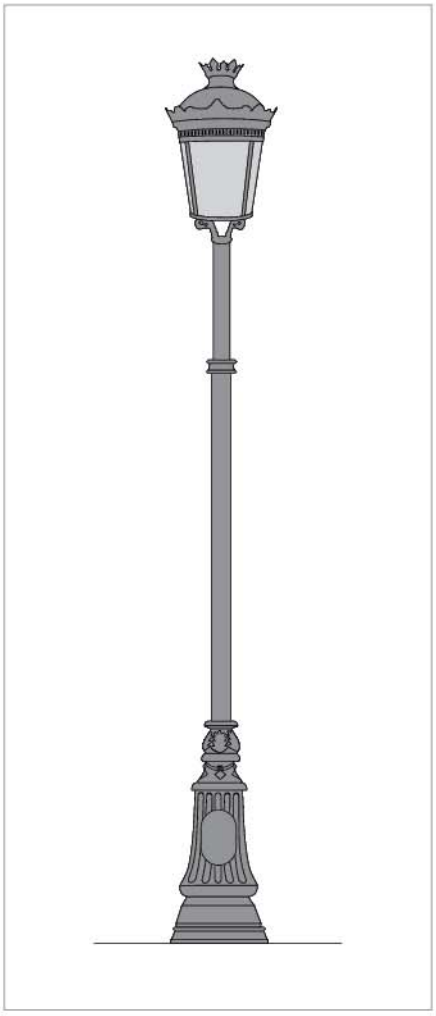
RAL **9011**

EASY AND SAFE MAINTENANCE

- maintenance without tools

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current



CLASSIC LED

IP 66

IK 09

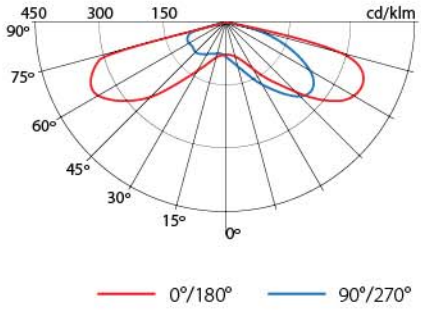
Modern decorative outdoor LED lamp for lighting boulevards, pedestrian routes, bicycle paths and residential area

ADVANTAGES

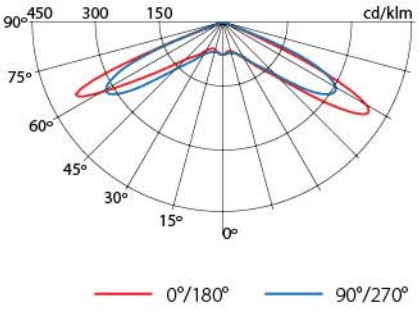
- made of die-cast aluminum
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters
- the luminaire is also available in the version with glass (frosted or transparent)

DISTRIBUTION CURVE

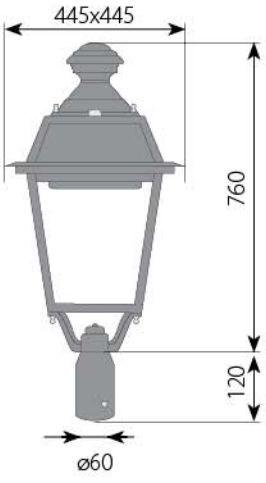
CLASSIC LED 17W

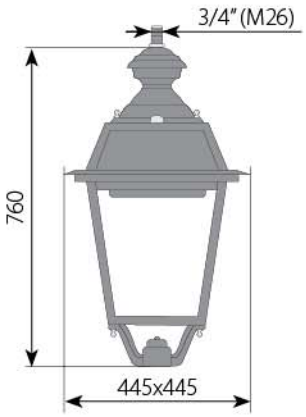


CLASSIC LED 49W



DIMENSIONS





arealamp

TECHNICAL DATA

Nominal luminous flux

LED number		CLASSIC LED 16 LED	24 LED	32 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754
	Power (W)	17	25	33
Current 500mA	Luminous flux (lm)	3826	5740	7653
	Power (W)	24	36	48
Current 700mA	Luminous flux (lm)	5380	8070	10760
	Power (W)	34	51	69
Current 1000mA	Luminous flux (lm)	7193	10789	14385
	Power (W)	50	75	100
CxS	Surface of wind exposure (CxS)		0,17 m²	
kg	Weight of the luminaire		4,5 kg	

• Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
• The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
• Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

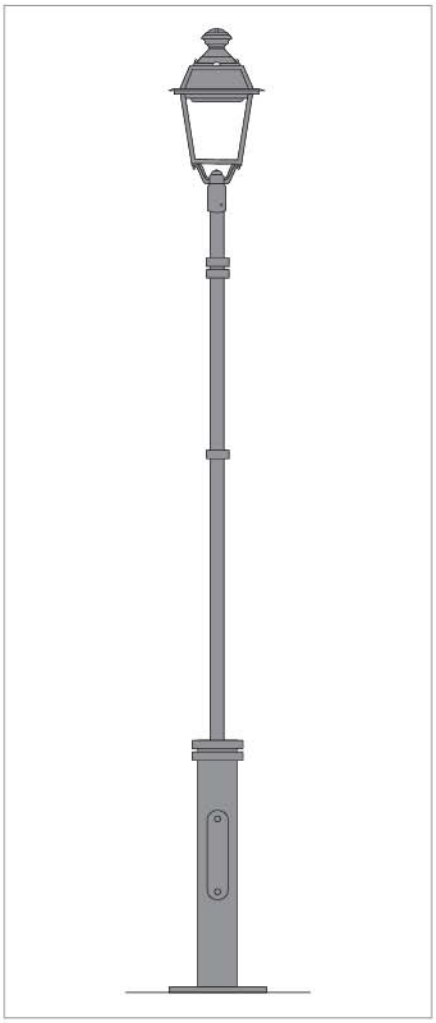
RAL **9005**

EASY AND SAFE MAINTENANCE

- maintenance without tools
- reduction of the fixture's power
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket



HISTORY LED

IP 66

IK 09

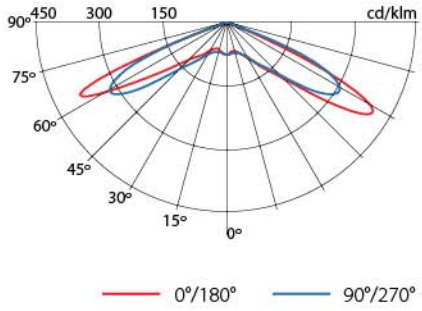
Modern decorative outdoor LED lamp for lighting boulevards, pedestrian routes, bicycle paths and residential area.

ADVANTAGES

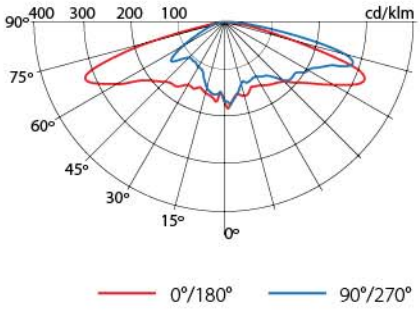
- mounting directly on the pole
- filter anables the equalization of ambient and internal pressure
- glass diffuser, resistant to UV radiation
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

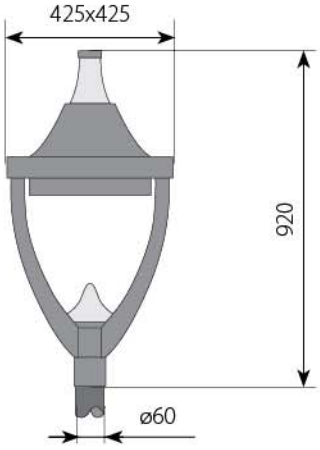
HISTORY LED 24W



HISTORY LED 74W



DIMENSIONS



arealamp

TECHNICAL DATA

Nominal luminous flux

LED number		HISTORY LED 16 LED	24 LED	32 LED	48 LED
Current 350mA	Luminous flux (lm)	2877	4316	5754	8631
	Power (W)	17	25	33	50
Current 500mA	Luminous flux (lm)	3826	5740	7653	11479
	Power (W)	24	36	48	72
Current 700mA	Luminous flux (lm)	5380	8070	10760	16140
	Power (W)	34	51	69	103
Current 1000mA	Luminous flux (lm)	7193	10789	14385	-
	Power (W)	50	75	100	-
CxS	Surface of wind exposure (CxS)	0,09 m²			
kg	Weight of the luminaire	7,7 kg			

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

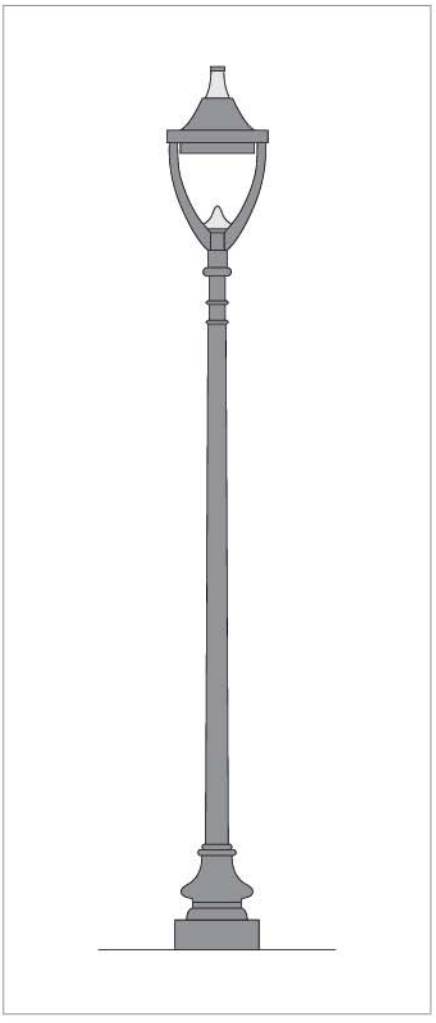
RAL **9005**

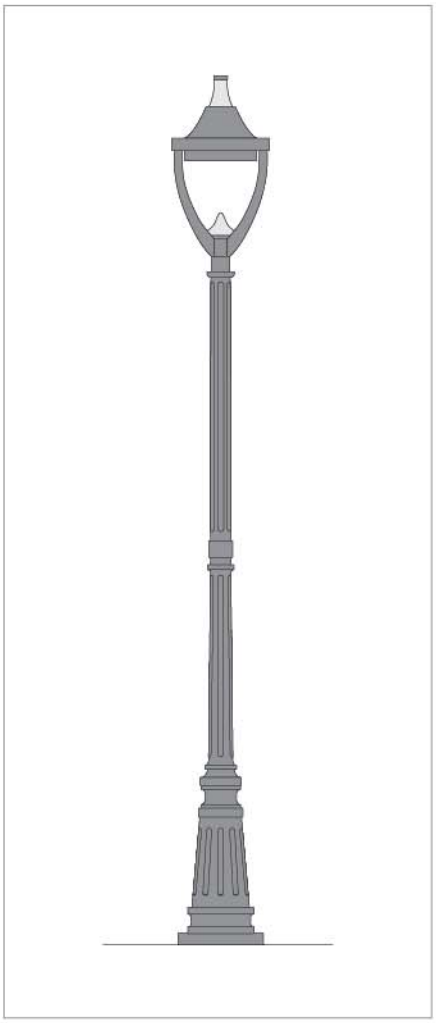
EASY AND SAFE MAINTENANCE

- maintenance without tools
- safety steel rope preventing opened cover
- knife connector

ADDITIONAL OPTIONS

- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current



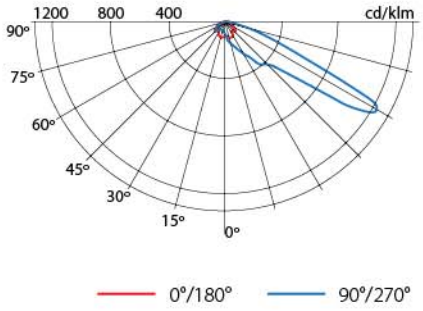


TOPFLOOD LED

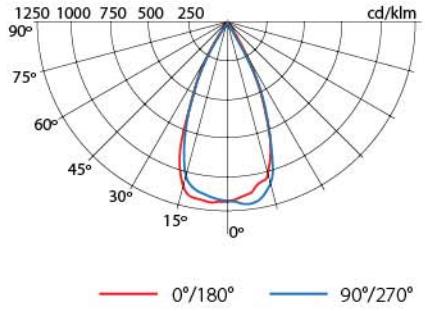
Floodlight (ilumination) for sport fields, squares, parking places, and architectual lighting.

DISTRIBUTION CURVE

TOPFLOOD LED 375W



TOPFLOOD LED 129W



ADVANTAGES

- made of die-cast aluminum, compact and light construction
- neoprene seal providing IP66 tightness to entire luminaire
- tempered glass panel embedded in an aluminum frame and secured against falling
- marked position adjustment
- connecting without opening lamp compartment
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

TECHNICAL DATA

Nominal luminous flux

LED number		TOPFLOOD LED 1			TOPFLOOD LED 2		TOPFLOOD LED 3		
		36 LED	48 LED	60 LED	80 LED	96 LED	120 LED	144 LED	168 LED
Current 350mA	Luminous flux (lm)	6473	8631	10789	14385	17262	21578	25894	30209
	Power (W)	38	50	63	84	100	125	151	176
Current 500mA	Luminous flux (lm)	8610	11479	14349	19132	22959	28699	34438	40178
	Power (W)	54	72	91	121	145	181	217	254
Current 700mA	Luminous flux (lm)	12105	16140	20175	26901	32281	40351	48421	56491
	Power (W)	77	103	129	172	206	257	309	360
Current 1000mA	Luminous flux (lm)	16183	21578	-	-	-	53945	-	-
	Power (W)	113	150	-	-	-	375	-	-
CxS	Surface of wind exposure (CxS)		0,11 m²		0,17 m²		0,29 m²		
kg	Weight of the luminaire		7,8 kg		11,9 kg		19,1 kg		

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9022**

EASY AND SAFE MAINTENANCE

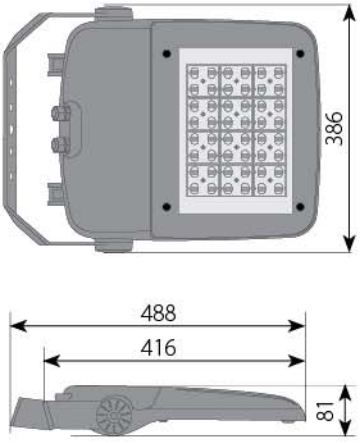
- maintenance without tools
- knife connector TOPFLOOD 2 and 3

ADDITIONAL OPTIONS

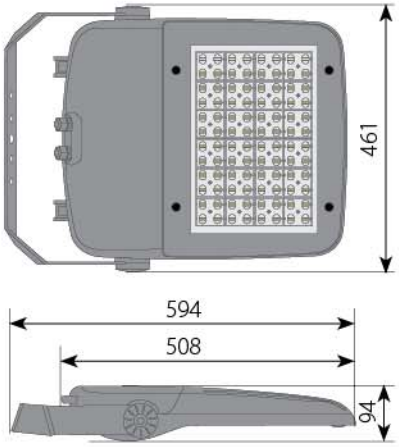
- surge protection up to 10 kV
- adjustable current – power regulation
- possibility of remote control and monitoring 1-10V or DALI
- ability to reduce power in the night
- soft-start – limitation of inrush current
- optional equipment – ZHAGA or NEMA socket
- IP 67
- any color from the RAL palette on request

DIMENSIONS

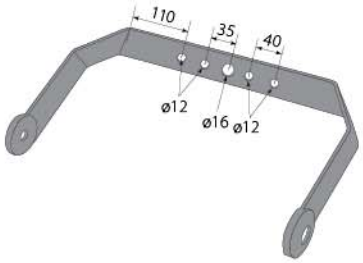
TOPFLOOD 1



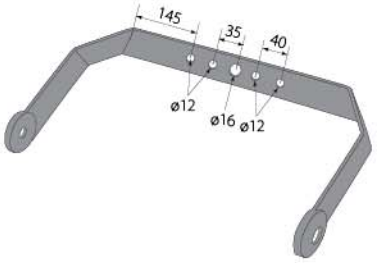
TOPFLOOD 2



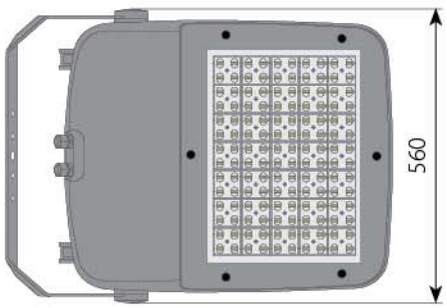
DIMENSIONS OF THE GRIP HOLE - TOPFLOOD 1

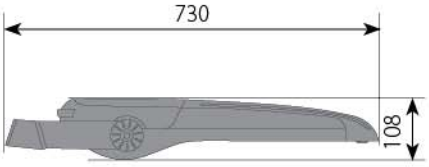


DIMENSIONS OF THE GRIP HOLE - TOPFLOOD 2

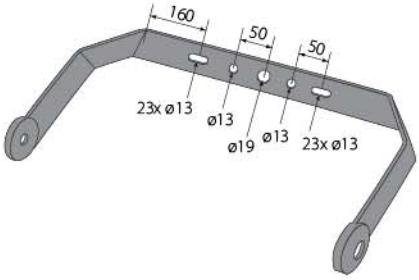


TOPFLOOD 3





DIMENSIONS OF THE GRIP HOLE - TOPFLOOD 3



TOPFLOOD MAX LED

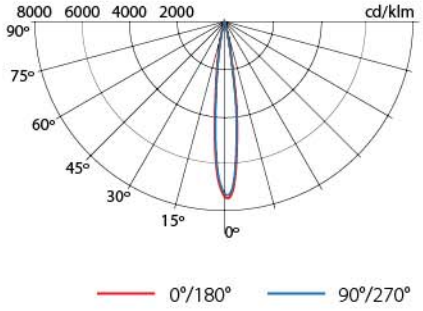
Floodlight (illumination) for sport fields, squares, parking places, and architectural lighting.

ADVANTAGES

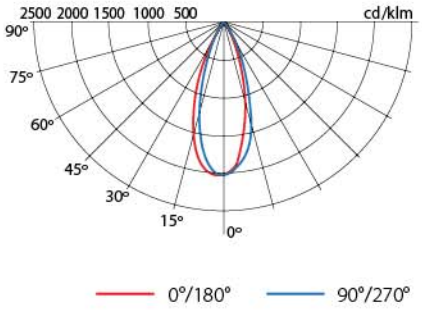
- made of die-cast aluminum, compact and light construction
- neoprene seal providing IP66 tightness to entire luminaire
- tempered glass panel embedded in an aluminum frame and secured against falling
- marked position adjustment
- connecting without opening lamp compartment
- optical system made in a modular form
- interchangeable lenses to achieve optimal lighting parameters

DISTRIBUTION CURVE

TOPFLOOD MAX LED 480W

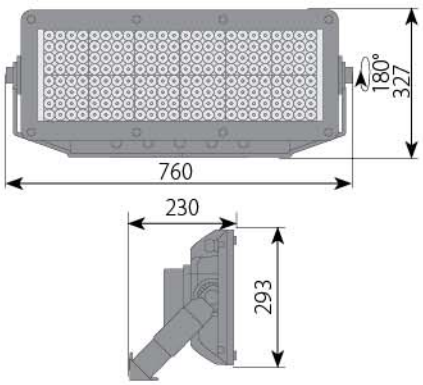


TOPFLOOD MAX LED 825W

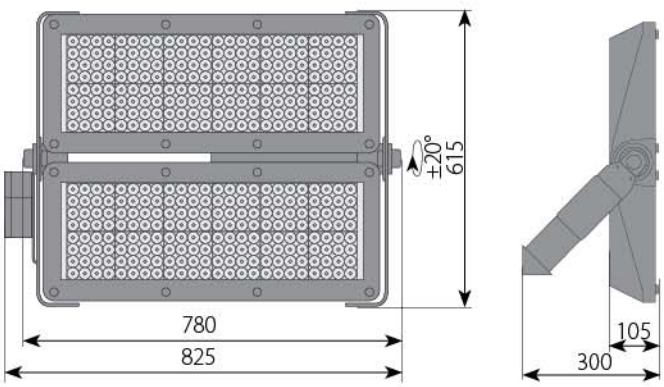


DIMENSIONS

TOPFLOOD MAX 192 LED



TOPFLOOD MAX 384 LED



TECHNICAL DATA

Nominal luminous flux

		TOPFLOOD MAX 192 LED	TOPFLOOD MAX 384 LED
LED number		**192 LED**	**384 LED**
Current 350mA	Luminous flux (lm)	-	139087
	Power (W)	-	825
Current 400mA	Luminous flux (lm)	78288	163520
	Power (W)	480	1000
Current 520mA	Luminous flux (lm)	95009	192260
	Power (W)	600	1200
CxS Surface of wind exposure (CxS)		0,18 m²	0,34 m²
kg Weight of the luminaire		14,8 kg	30,3 kg

• Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
• The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
• Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
5050 / CREE XP-G3

CCT CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9022 MAT**

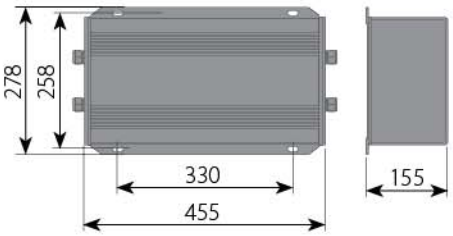
EASY AND SAFE MAINTENANCE

- maintenance without tools

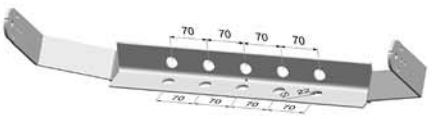
ADDITIONAL OPTIONS

- surge protection up to 10 kV
- adjustable current – power regulation
- possibility of remote control and monitoring 1-10V or DALI
- ability to reduce power in the night
- soft-start – limitation of inrush current
- optional equipment - ZHAGA or NEMA socket
- IP 67
- any color from the RAL palette on request

POWER SUPPLY



DIMENSIONS OF THE GRIP HOLE



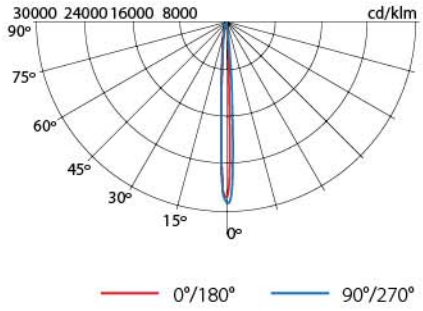
VOX 3

IP 66
IK 09

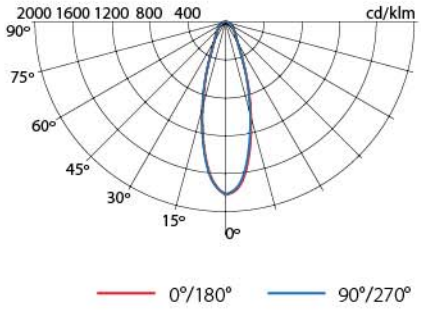
VOX floodlight for lighting of sports fields,squares, parking places and architectual lighting.

DISTRIBUTION CURVE

VOX 3-1 60W



VOX 3-3 127W



ADVANTAGES

- made of high quality power painted die cast aluminum
- equipped with new generation LED chips with high intensity and long durability
- possibility to choose many light distribution through interchangeable lenses: 15°, 30°, 45°, 60°, 90° and 120°

TECHNICAL DATA

Nominal luminous flux

LED number		VOX 3-1 28 LED	VOX 3-2 56 LED	VOX 3-3 84 LED	VOX 3-4 128 LED	VOX 3-5 224 LED
Current 350mA	Luminous flux (lm)	5035	10070	15105	23017	40279
	Power (W)	29	59	88	134	234
Current 500mA	Luminous flux (lm)	6696	13393	20089	30612	53571
	Power (W)	42	85	127	193	338
Current 700mA	Luminous flux (lm)	9415	18830	28246	43041	75322
	Power (W)	60	120	180	274	480
Current 900mA	Luminous flux (lm)	11731	23462	35194	-	-
	Power (W)	78	157	235	-	-
CxS	Surface of wind exposure (CxS)	0,04 m²	0,075 m²	0,1 m²	0,2 m²	0,3 m²
kg	Weight of the luminaire	4 kg	6,6 kg	10,1 kg	18,5 kg	24,5 kg

- Due to the optical systems and LED drivers used, differences of ± 8% luminous flux and power of the luminaire are allowed.
- The given parameters are examples as it is possible to adjust the supply current and change the luminaire power and luminous flux.
- Due to continuous development of LED technology, the parameters may change. • To get the latest information, please contact the company.

LED Chip
CREE XP-G3

CCT / CRI
2700-6500K
CRI ≥ 70

cosφ min. 0,95

from -40°C to +60°C

100 000 h
IES LM80-L90B10

RAL **9022**

EASY AND SAFE MAINTENANCE

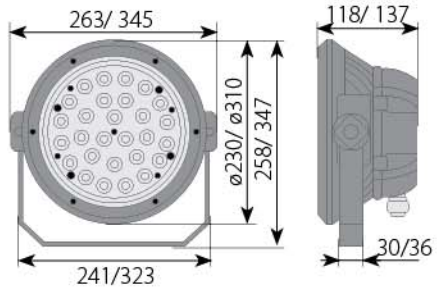
- maintenance without tools

ADDITIONAL OPTIONS

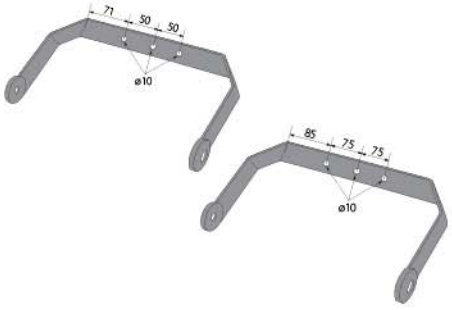
- adjustable current in the range of 350-1050mA
- ability to adjust the power and luminous flux optimally to the project
- autonomic power control (Astro DIM)
- possibility of remote control and monitoring (DALI)
- step, remote or autonomic power control (STEP DIM)
- phase wire control (SD)
- working with light/motion sensors
- surge protection up to 10 kV
- overload or thermal protection
- soft-start – limitation of inrush current
- IP 67
- optional equipment – ZHAGA or NEMA socket

DIMENSIONS

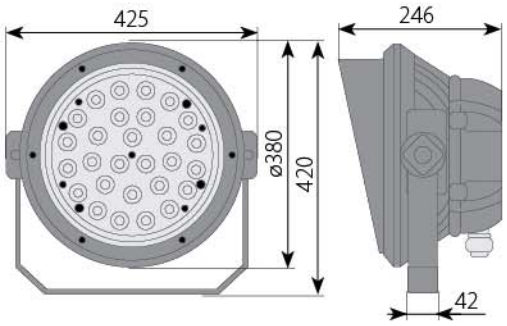
VOX 3 - 1/2



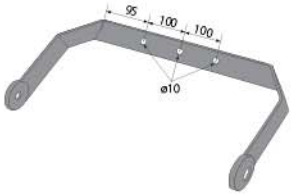
DIMENSIONS OF THE GRIP HOLE



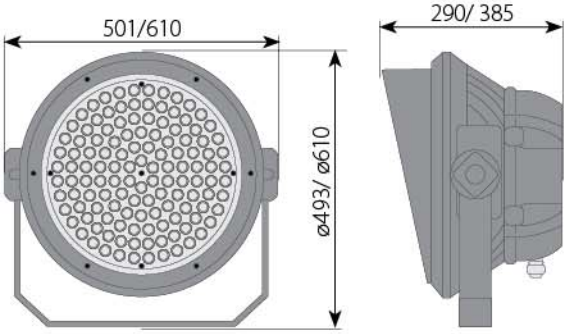
VOX 3 - 3



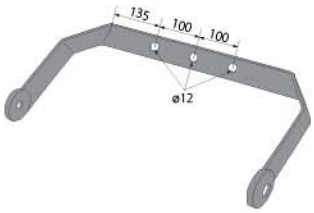
DIMENSIONS OF THE GRIP HOLE



VOX 3 - 4/5



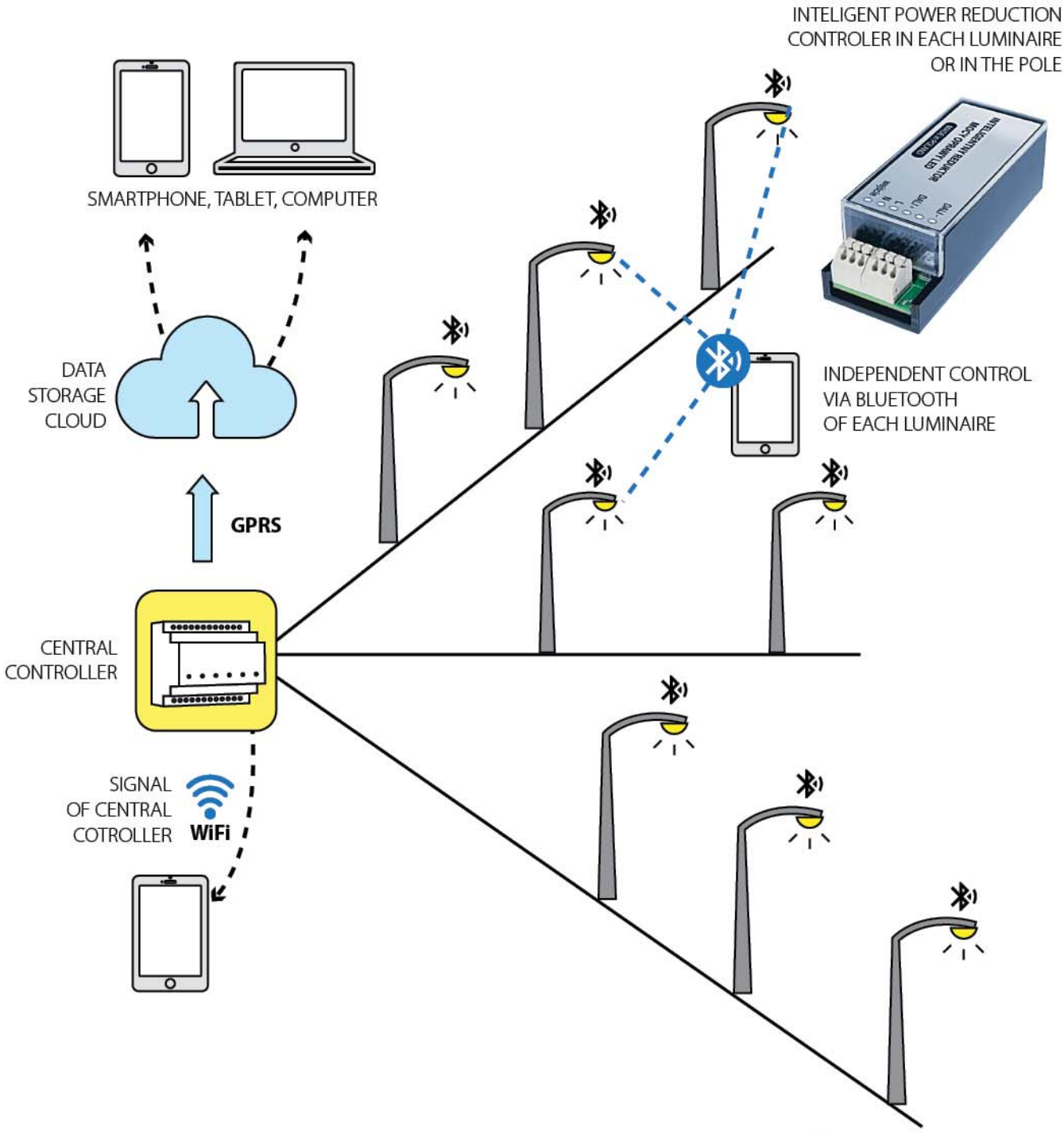
DIMENSIONS OF THE GRIP HOLE



ASO COTROL SYSTEM

SPECIFICATION

- the lighting controller is mounted directly on a DIN rail and has outputs for three independently controlled lighting circuits
- each circuit can be controlled independently of the controller mounted in the cabinet
- each luminaire on a given circuit is equipped with a controller to receive a signal from the controller in cabinet and additionally can be individually controlled via bluetooth and an application on a smartphone or tablet
- the controller can be equipped with a GPS calculating and optimizing the control time of lighting
- additionally, it is equipped with a precise real time clock and the function of time synchronization with the phone's GPS, this solution guarantees switching on and off the lighting according to the daily and changing cycle seasons, which translates into significant savings in energy



ADVANTAGES

Cotroller configuration is done using a free applications for mobile devices.

System advantages:

- full control and management via smartphone or tablet using a free dedicated application
- modern and intuitive application interface facilitating configuration
- encrypted Bluetooth communication
- calculation of the setting correction for a lighting place
- automatic settings for summer and winter time
- independent programming of the output for lighting control
- additional identification of up to 20 unique behaviors related to holidays / celebrations
- three correction modes: summer / winter, quarter, months
- service activations for 1, 10, 30 minutes or permanently
- logs for the last 600 events (each activation / deactivation all outputs as well as switching on and off related to blackouts)
- cooperation with a photocell

TECHNICAL PARAMETERS

- power supply 230V/AC/50Hz
- power voltage range from -20% up to 10%
- each of the 2 or 3 outputs independently programmable and controlled with the possibility load of 5A/230V AC
- mechanical parameters of the connectors contact /elevator cable 2,5 mm²/AWG14
- comunication interface via Bluettoth
- bidirectional coded transmition
- ingress protection IP20
- working temperature from -30 °C to 80 °C

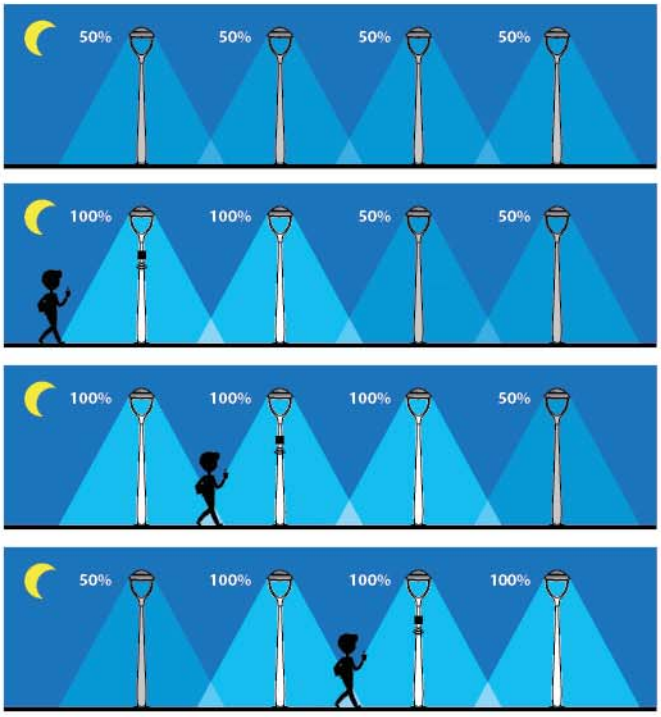
SENSOR PIR

SPECIFICATION

Traditional motion sensor PIR responsive to changes in infrared radiation in the space covered by the action, used for motion and presence control.

- the luminaire is switched on when motion is detected and shines with full luminous flux
- in standby mode the luminaire shines with a luminous flux limited to do 10% of the nominal value or to the value set during assembly the sensor in the luminaire. When motion is detected luminous flux is increasing to full 100%

MOTION DETECTION



arealamp

Eliza e.lasica@arealamp.pl +48 517 920 656

Paulina p.jurczyk@arealamp.pl +48 798 893 110

sales@arealamp.pl

AREALAMP Sp. z o.o., Budy Kozickie 56, 09-500 Gostynin, POLAND
+ 48 24 235 12 88, info@arealamp.pl, oferta@arealamp.pl
www.arealamp.pl