



## ALFA HBLED 4M DIANA 240 TR

Professional LED 240W lamps equipped with individually programmable module controlling the electricity usage, with the latest HBLED technology used as a light source.

The luminaire may optionally be equipped with an individual motion sensor.



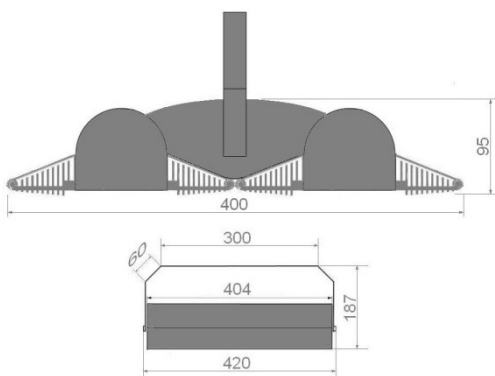
### APPLICATION

- Roads, streets
- Alleys, pavements
- Bicycle paths
- Parking places
- Industrial zones
- Residential areas

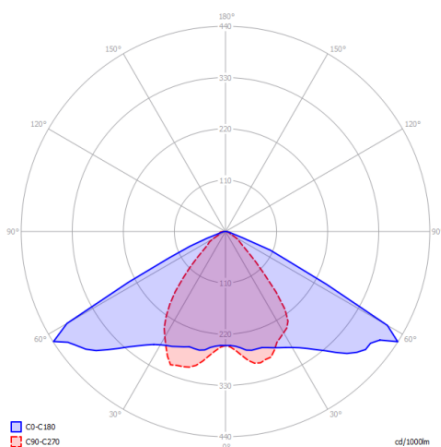
### MOUNTING SYSTEM

- Can be mounted to the facade or column equipped with a suitable mounting crown.
- Adjustable joint allows smooth change of the inclination angle with relative to the illuminated surface.

### STREAM LIGHT



Weight 7,4 kg



Power strength	The Luminous Power
120 [W]	13.440 [lm]
130 [W]	15.055 [lm]
140 [W]	16.214 [lm]
150 [W]	17.373 [lm]
160 [W]	18.532 [lm]
170 [W]	19.104 [lm]
180 [W]	20.228 [lm]
190 [W]	21.352 [lm]
200 [W]	21.976 [lm]
210 [W]	22.418 [lm]
220 [W]	23.048 [lm]
230 [W]	23.678 [lm]
240 [W]	24.708 [lm]

Due to technical progress may be varied





## ALFA HBLED 4M DIANA 240 TR

### TECHNICAL DATA

Voltage power	230/[V] AC
Power consumption	120 - 240[W]
Light source	112 x HBLED
Frequency power	50/60 [Hz]
Level of protection	IP 66
IK Shock-Protection Rate	IK 09
WFactor distortions THD	<15 [%]
Power factor cos $\alpha$	>0,95
Time ignition	<1 [s]
Range work	-40 [°C] do +55 [°C]
Guarantee	5 year
Costruction	Modular
Binding	Aluminium
Optical system	Polycarbonate
Temperature colour	Neutral - 3.650 [K] - 4.300 [K] Cold: 5.300 [K] - 6.700 [K]
motion sensor	YES - optional

### CONTROL OPTIONS

- Up to 5 programmable lighting levels at selected time intervals (eg, power reduction fixtures from 100% to 50% during night time according to PN - EN 13201).
- Individual, careful adjustment of the luminaire power (the possibility to adjust power and luminous flux to individual customer requirements).
- Simple luminaire power control (1-10V dimming, for example, using the motion sensor - motion detection increases the power of the luminaire, eg from 50% to 100%).
- Ability to work with external control system via a DALI interface.
- Soft start (programmable time interval from 1 second - 30 seconds from power on to reach 100% of the luminaire).

#### Coloring - standard

Black - RAL 9005  
Grey - RAL 9006

#### Coloring - other version

the individual needs of  
versions available as  
RAL palette



## PRODUCER OF ILLUMINATION

**ALFA HBLED**

Poland, 62-800 Kalisz

ul. Kolejowa 15

[biuro@hbled.pl](mailto:biuro@hbled.pl) [www.hbled.pl](http://www.hbled.pl)