



## ALFA HBLED 1M LAURA 60 TR

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

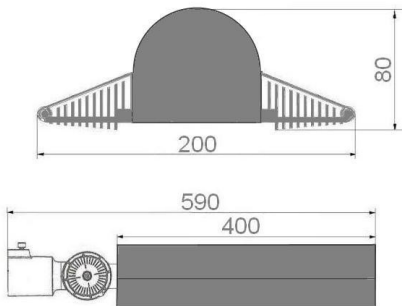
The luminaire may optionally be equipped with an individual motion sensor.



### APPLICATION

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

### MOUNTING SYSTEM



Weight: 4,4 kg

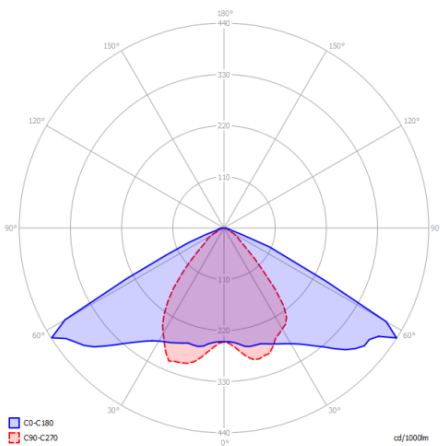
- Can be mounted on a pole peak. Unified tip diameter of 42 to 60 mm.
- Can be mounted on the boom side. Unified tip diameter of 42 to 60 mm.
- Adjustable joint allows smooth change of the inclination angle with relative to the illuminated surface.  $-35^{\circ} + 45^{\circ}$ .

### STREAM LIGHT

Ze względu na postęp techniczny wartości mogą ulec zmianie

Power strength	The Luminous Power
15 [W]	2.016 [lm]
20 [W]	2.520 [lm]
30 [W]	4.032 [lm]
40 [W]	4.922 [lm]
50 [W]	6.057 [lm]
60 [W]	6.720 [lm]

Due to technical progress may be varied





## ALFA HBLED 1M LAURA 60 TR

### TECHNICAL DATA

Voltage power	230/110[V] AC
power consumption	15 to 60[W]
Light source	28 x HBLED 1W, CRI ≥ 80%
Frequency power	50/60 [Hz]
Level of protection	IP 66
IK Shock-Protection Rate	IK 09
WFactor distortions THD	<15 [%]
Power factor cos α	>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

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