

YAKfly COB

MultiCOB Street & Roadway Lights



YAKfly Street Lights have a modular design to optimize the process of manufacturing and assembly, with a universal driver for all modules*, Which allow easy upgrading and acquisition SKD for local assembly. Now, Yake solar presents two models: the YAKfly COB and the YAKfly LMSL.

The new generation of high efficiency LED Street Lights incorporates the latest technology by using a high power light emitting diode (LED) chip, providing the best Lumens/Watt relation in the market. Also, featuring higher brightness intensity, an uniform light distribution and a better thermal management system compare to the old MultiLED technologies.

Yake Solar's LED Street Lights, offer the perfect cost-efficiency relation, providing energy savings of more than 40% compared to old HPS Lamps.

Product Highlights:

- Durability and long lifespan: > 50000h @ Ta 25C (10 years approx.)
- Tool-less assembly (Easy Assembly)
- Aluminum allow case with corrosion resistant powder paint finish.
- With adjustable angle fixation of 15,10, 5, 0 , -5 degrees above the horizon.
- Universal mounting system with a double ring 40-61mm (DE) for pole arm.
- System Close control 360 degree rotary tool-twist.
- The LED modules, the driver and the SPD are fully interchangeable between models of lamps*.
- High Luminus Efficiency of up to 115lm / W.
- Maintenance free.



Views



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Efficient, Economic and Safe.
EASY
To Sell, To Transport, To Install.

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GENERAL OPERATING SPECIFICATIONS		YAKfly COB
	Working Temperature	-40°C ~ +70°C
	IP Grade	IP65
	Working Live-Span	>50.000H
	Mounting Base Angle Regulations	-5° to +15°
ELECTRICAL SPECIFICATIONS		
	Power	90W / 135W / 270W
	Input Voltage	90VAC ~ 310VAC
	Frequency	50HZ ~ 60HZ
	Harmonic Distortion (THD)	< 20%
	Power Factor	0,9 ~ 0,98
LIGHTING SPECIFICATIONS		
	Optical Type	2MS: IESNA TIPO II
Luminous Flux (Lumens)	Cool Light (C)	5.310 / 15.930/ 31.860
	Natural Light (N)	5.175 / 14.850 / 31.050
	Warm Light (W)	4.860 / 14.580 / 29.160
Color Temperature	Cool Light (C)	5.500K ± 300K
	Natural Light (N)	4.000K ± 200K
	Warm Light (W)	2.700K ± 100K
	Color Rendering Index	Ra >65
	View Angle	120
MECHANICAL SPECIFICATIONS		
	Mounting Hole Size	Ø 40 mm - Ø 61 mm
Product Dimension	Long (L)	385mm / 605mm / 1031mm
	Width (W)	350mm / 350mm / 350mm
	High (H)	102mm / 102mm / 102mm
	Total Product Weight	2,6Kg / 6.6Kg / 14.6 Kg

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Applications:

The Yake Solar LED Street Lights are ideal for roads, residential areas, industrial areas, access roads and perimeters.

Note: Yake Solar's LED Street Lights are optionally manufactured in AC configuration as well, providing energy savings over 60% compared to other alternatives on the market (like HPS, LPS, FL, INC and many others) while maintaining the same photometric and power consumption parameters.



90W



150W



270W

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