



LED
CAR PARK
LIGHTS
PRODUCT GUIDE



LED CAR PARK LIGHT MAMBA 128

Features

- Top LED light source
- Energy saving, environmentally friendly, long lifespan
- Radiator made of Aluminum alloy which has the best heat conductivity
- Applied with patented secondary optics non-imaging lens, over 90% luminaire extraction efficiency
- Convenient installation to replace HPS directly
- Rectangular light spot with uniform distribution, the illumination uniformity is over 0.6
- Powered at AC broad voltage input,output 53V with constant current drive
- The respiratory system is designed to ensure the dust resistance, water resistance and self cleaning ability
- Aesthetic style
- National-wide various invention patents
- Independent LED modular, with adjustable beam angle, easy installation, easy maintenance

Application

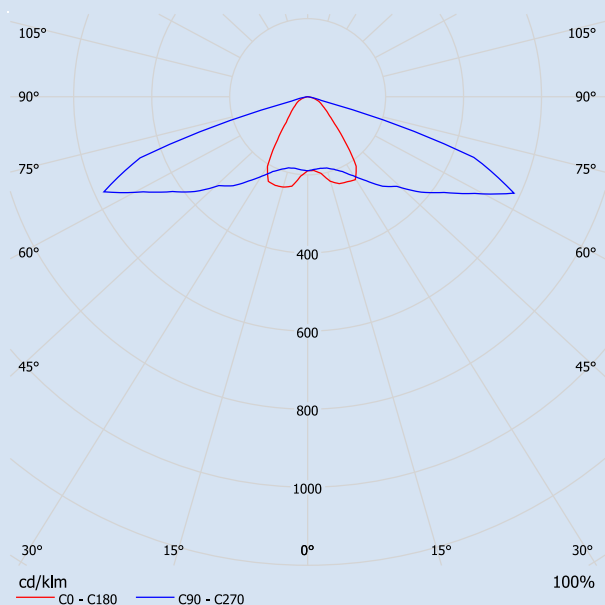
- Outdoor parking lot, tennis ground
- Viaduct, petrol station, residential area

Power supply

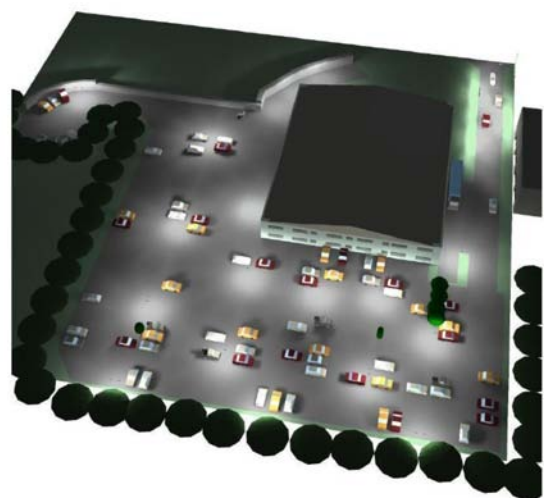
- Input voltage AC 170~250V, 50~60Hz
- Output voltage DC53V

Installation

- Connect to $\varnothing 60\text{mm}$ arm branch
- 60mm*80mm square pole



Exterior Scene 1 / 3D Rendering





LED solutions today
For A brighter tomorrow.

MAMBA 128 - TECHNICAL PARAMETERS

Item NO.	128/098T4	128/112T4	128/126T4	128/140T4
Input Voltage	AC 170~250V	AC 170~250V	AC 170~250V	AC 170~250V
Frequency Range	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Power Factor(PF)	>0.95	>0.95	>0.95	>0.95
Total Harmonic Distortion	<15%	<15%	<15%	<15%
Power Efficiency	88%	88%	88%	88%
Working Voltage	DC 53 V	DC 53 V	DC 53V	DC 53V
LED Consumption	110 W	125 W	141 W	156 W
System Consumption	123 W	140 W	158 W	175 W
LED Luminous Efficiency	>90 Lm/W	>90 Lm/W	>90 Lm	>90 Lm
LED Initial Flux	9900 Lm	11250 Lm	12690 Lm	14040 Lm
Lamp's Efficiency(%)	>90%	>90%	>90%	>90%
Average Illumination	6M height	>38 Lux	>43.5 Lux	>49 Lux
	8M height	>21.5 Lux	>24.5 Lux	>24.5 Lux
	10M height	>13.5 Lux	>15.5 Lux	>15.5 Lux
	12M height	>9.5 Lux	>9.5 Lux	>11 Lux
Effective Illuminated Area	6M height	7.2×21m ²	7.2×21m ²	7×21m ²
	8M height	9.6×28m ²	9.6×28m ²	9.6×28m ²
	10M height	12×35m ²	12×35m ²	12×35m ²
	12M height	14.4×42m ²	14.4×42m ²	14.4×42m ²
Color Temperature	Day Light 5000K - 5500K			
Color Rendering Index(CRI)	Ra>75	Ra>75	Ra>75	Ra>75
Light Distribution Curve / Beam Pattern	Asymmetric(Bat Wing)/Rectangular Beam			
Junction Temperature(Tj)	<75℃	<75℃	<75℃	<75℃
Working Environment	working temperature-40℃~50℃; working humidity 10%~95%			
IP Rating	IP65	IP65	IP65	IP65
Working Life	80,000hrs	80,000hrs	80,000hrs	80,000hrs
Light Body & Lampshade Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Net Weight/Gross Weight	15.3KG	15.3KG	15.3KG	15.3KG
Packaging Size(L)×(W)×(H)	61L*42W*21H(CM)	61L*42W*21H(CM)	61L*42W*21H(CM)	61L*42W*21H(CM)



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low energy solutions

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