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**Outdoor
Solar lightings**

**Birante
Smart home**

**LED lighting
Luminaires**

**20
23**

lighting
catalogue





ABOUT BIRANTE

Professional Lighting manufacturer

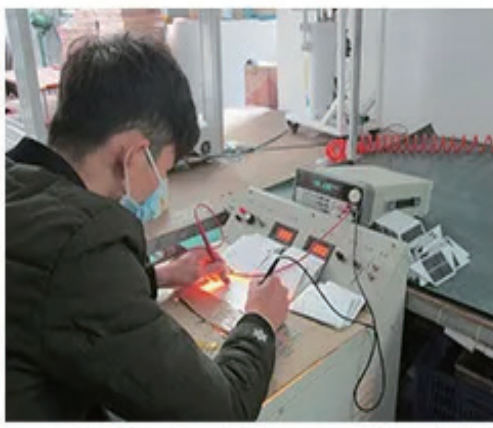
Integrating sphere



Low temperature test



System aging



Solar panel tester



Precise slotting



Production line 1



Die-casting technique



Production line 2



Assemble



Shipment

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03
LIGHTING
LUMINAIRES



Flood Light

— 10W/20W/30W/50W

Input Voltage: 180-260Vac
 Lumious Effecacy: 100lm/W
 Beam abgle: 120°
 Color Temp.: 3000/4000/6000K
 CRI> 80
 Dimension: 10W/20W: 95x141x24mm/115x177x24mm/
 30W/50W: 145x217x27mm/165x247x28mm

Mounting: Surface
 Warranty: 2 years
 Material: Polycarbonate+Diffuser glass
 LED Source Typr: SMD2835
 Driver Type: Linear
 Pre-wired with 1M of flex



DC 12/24V Flood Light

— 10W/20W/30W/50W

Input Voltage: 180-260Vac
 Lumious Effecacy: 90lm/W
 Beam abgle: 120°
 Color Temp.: 3000/4000/6000K
 CRI> 80
 Dimension: 10W/20W: 94x91x23mm/106x113x24mm/
 30W/50W: 136x128x26mm/178x134x28mm

Warranty: 2 years
 Material: Die-cast Aluminium +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear
 Pre-wired with 0.15M of flex



PIR Sensor Flood Light

— 10W/20W/30W/50W

Input Voltage: 180-260Vac
 Lumious Effecacy: 100lm/W
 Beam abgle: 120°
 Color Temp.: 3000/4000/6000K
 CRI> 80
 Dimension: 10W/20W: 95x141x52mm/115x177x52mm
 30W/50W: 145x217x52mm/165x247x52mm

Mounting: Surface
 Warranty: 2 years
 Material: Polycarbonate+Diffuser glass
 LED Source Typr: SMD2835
 Driver Type: Linear
 Pre-wired with 1M of flex

PIR SPECIFICATION
 * Detection Range: 120°
 * Detection Distance: 2~10m(adjustable)
 * Detection Motion Speed: 0.6-1.5m/s
 * Installation Height: 1-3m
 * Sensor head IP54



Microwave Sensor



360° adjustable
 Easy install bracket

Flood Light CCT

-- 10W/20W/30W/50W/100W/200W

Input Voltage: 220-240Vac
 Lumious Effecacy: 850lm/W
 Beam abgle: 120°
 Color Temp.: 3000K-6500K
 CRI> 80
 Dimension: 10W/20W: 100x34.5x70mm/136x34.5x110.5mm
 30W/50W: 180x34.5x142.5mm/210x34.5x163.5mm
 100W/200W: 325x48x225mm/385x48x275mm

Mounting: Surface
 Warranty: 2 years
 Material: Polycarbonate+Diffuser glass
 LED Source Typr: SMD2835
 Driver Type: Linear
 Pre-wired with 0.2M of flex



CCT



Flood Light

— 10W/20W/30W/50W/100W/150W/200W

Input Voltage: 220-240Vac
 Lumious Efficacy: 85lm/W
 Beam angle: 120°
 Color Temp.: 3000/4000/6500K
 CRI> 80
 Dimension: 10W/20W: 87.5x32x62mm/100x34.5x70mm
 30W/50W: 136x34.5x110.5mm/180x34.5x142.5mm
 100W/150W: 210x34.5x163.5mm/325x48x225mm
 200W: 385x48x275mm

Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear
 Pre-wired with 0.15M of flex



Quick cable box

Flood Light with Quick cable box

— 10W/20W/30W/50W

Input Voltage: 220-240Vac
 Lumious Efficacy: 85lm/W
 Beam angle: 120°
 Color Temp.: 3000/4000/6500K
 CRI> 80
 Dimension: 10W/20W: 104x43x72mm/121x43x78mm
 30W/50W: 155x43x105mm/190x46x129mm

Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear



PIR Sensor Flood Light

— 10W/20W/30W/50W/100W/150W/200W

Input Voltage: 200-240Vac
 Lumious Efficacy: 85lm/W
 Beam angle: 120°
 Color Temp.: 3000/4000/6000K
 CRI> 80
 Dimension: 10W/20W: 87.5x32x62mm/100x34.5x70mm
 30W/50W: 136x34.5x110.5mm/180x34.5x142.5mm
 100W/150W: 210x34.5x163.5mm/325x48x225mm
 200W: 385x48x275mm

Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear
 Pre-wired with 0.15M of flex

PIR SPECIFICATION
 * Detection Range: 120°
 * Detection Distance: 2~10m(adjustable)
 * Detection Motion Speed: 0.6-1.5m/s
 * Installation Height: 1-3m
 * Sensor head IP54



Microwave Sensor



PIR Sensor
(Time/Lux/Sensor adjustable)



Quick cable box

PIR Sensor Flood Light with Quick cable box

— 10W/20W/30W/50W

Input Voltage: 200-240Vac
 Lumious Efficacy: 85lm/W
 Beam angle: 120°
 Color Temp.: 3000/4000/6000K
 CRI> 80
 Dimension: 10W/20W: 104x43x72mm/121x43x78mm
 30W/50W: 155x43x105mm/190x46x129mm

Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear

PIR SPECIFICATION
 * Detection Range: 120°
 * Detection Distance: 2~10m(adjustable)
 * Detection Motion Speed: 0.6-1.5m/s
 * Installation Height: 1-3m
 * Sensor head IP44



Microwave Sensor

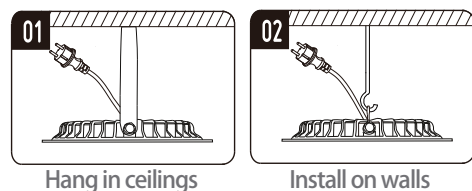
Ultra Thin LED High Bay

— Ultra Thin



Input Voltage: 220-240Vac
 Power: 100W
 Lumious Effecacy: 13500lm/W
 Beam abgle: 120°
 Color Temp.: 3000/4000K/6500K
 CRI> 80
 PF>0.9
 Dimension: φ270X40mm

Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear



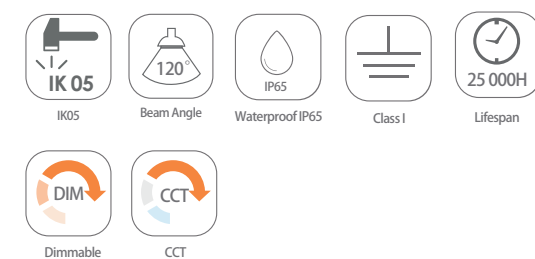
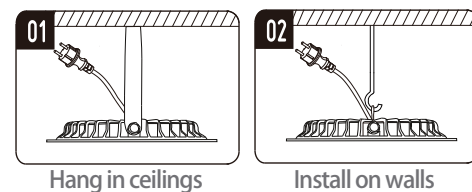
CCT Ultra Thin LED High Bay

— Ultra Thin



Input Voltage: 220-240Vac
 Power: 100W
 Lumious Effecacy: 11000lm/W
 Beam abgle: 120°
 Color Temp.: CCT+Dimmable
 CRI> 80
 PF>0.9
 Dimension: φ270X40mm

Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum +Tempered glass
 LED Source Typr: SMD2835
 Driver Type: Linear



Ultra Thin LED High Bay

— U100W/150W/200W

Input Voltage: 180-260Vac
 Power: 100W/150W/200W
 Lumious Effecacy: Optical lens 175lm/W; Glass Lens 130lm/W
 Beam abgle: Optical lens 190° ;Glass Lens120°
 Color Temp.: 3000-6400K
 CRI> 80
 PF>0.9
 Dimension: φ280X95mm/φ340X97mm/φ400X100mm

Mounting: Surface
 Warranty: 5 years
 Material: Die-cast Aluminum
 LED Source Typr: SMD2835
 Driver Type: Linear



Ultra Thin LED High Bay

— 50W/100W/150W/200W/240W

Input Voltage: 180-260Vac
 Lumious Effecacy: 100lm/W;
 Beam abgle: 120°
 Color Temp.: 3000-6400K
 CRI> 70
 PF>0.9
 Dimension: 50W/100W: φ218x 55mm
 150W /200W/240W: φ305X75mm

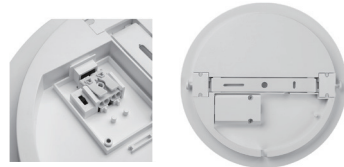
Mounting: Surface
 Warranty: 2 years
 Material: Die-cast Aluminum
 LED Source Typr: SMD2835
 Driver Type: Linear



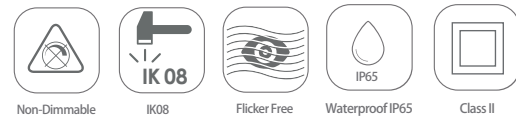
Ceiling Light



Input Voltage: AC220-240V/120V; 50/60Hz
 Power: 12W/18W/24W
 Lumious Effecacy: 100lm/W
 Beam abgle: 120°
 Color Temp.: 3000K/4000K/6000K
 CRI> 80
 PF>0.9
 Dimension: φ 220X50mm/φ 280X50mm/φ 330X50mm
 Lifespane: 20000H



Mounting: Ceiling
 Warranty: 2 years
 Material: PC
 LED Source Typr: SMD2835
 Driver Type: Non-isolater power



Ultra-thin Ceiling light --With soft back light



Input Voltage: AC220-240V/120V; 50/60Hz
 Power: 18W/24W
 Lumious Effecacy: 80lm/W
 Beam abgle: 120°
 Color Temp.: 3000K/4000K/6000K
 CRI> 80
 PF>0.9
 Dimension: φ 300X30mm/φ 420X35mm
 Lifespane: 20000H

Mounting: Ceiling
 Warranty: 2 years
 Material: PS/ABS base, PMMA cover
 LED Source Typr: SMD2835
 Driver Type: Non-isolater power



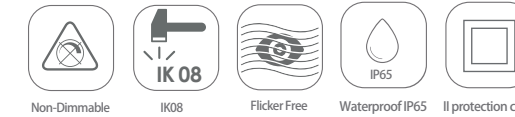
Ceiling Light Square



Input Voltage: AC220-240V/120V; 50/60Hz
 Power: 12W/18W/24W
 Lumious Effecacy: 90lm/W
 Beam abgle: 120°
 Color Temp.: 3000K/4000K/6000K
 CRI> 80
 PF>0.9
 Dimension: φ 220X50mm/φ 280X50mm/φ 330X50mm
 Lifespane: 20000H



Mounting: Ceiling
 Warranty: 2 years
 Material: PC
 LED Source Typr: SMD2835
 Driver Type: Non-isolater power



Ceiling light --with soft Side-emitting



Input Voltage: AC220-240V/120V; 50/60Hz
 Power: 18W/24W
 Lumious Effecacy: 80lm/W
 Beam abgle: 120°
 Color Temp.: 3000K/4000K/6000K
 CRI> 80
 PF>0.9
 Dimension: φ 300X30mm/φ 420X35mm
 Lifespane: 20000H



Mounting: Ceiling
 Warranty: 2 years
 Material: PS/ABS base, PMMA cover
 LED Source Typr: SMD2835
 Driver Type: Non-isolater power



