

LED Flood Lights Datasheet

20 models with full published specifications

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Manufacturing	Shenzhen Chiclits Technology Co., Ltd.
Registered	Hong Kong, April 2010 (52075396-000-04-13-A)
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Certification	CE (LVD) BST1703508020002Y-1SC-2 and RoHS BST1703508020001Y-1RC-4, issued by Shenzhen BST Technology Co., Ltd. for the LED bulb line

Every figure in this datasheet is taken from the manufacturer's specification for the model shown. Where a value is not listed it is not published; ask us and we will confirm it against current production before you order.

LED Flood Lights

Outdoor and site lighting in mains-powered, sensor-triggered and battery-powered forms.

Flood lights are bought for a job rather than a room. The three families here answer three different jobs: fixed mains flood lighting for a yard or facade, PIR motion versions for security, and a rechargeable series for sites with no power at all. Illuminance figures at measured distances are published on the fixed and PIR ranges, which is what separates a specification from a claim.

Models In This Range

10W Rechargeable Emergency LED Flood Light

Part number: CRFL-RE-01



P/N	CRFL-RE-01
Light Source	High power integrated LED
Luminous Flux	800~900lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	145X160X240mm
Inner Box Size	178X178X171mm
Carton Size	360X370X560mm
Packing Quantity	12PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

10W PIR Motion Sensor LED Flood Light



Input Voltage	100-240V AC 50/60Hz
Power Factor	≥0.95
LED Power	30W
LED Luminous Flux	760-860lm
Average lilluminance	1m=289lux / 2M=72lux / 3M=32lu / Facula Area
CRI	>75
Beam Angle	100°,50 °
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C / ~50
Humidity	10%-90%RH
Min	5sec Max:6min±2min
Height	2m-4.5m
Net Weight	0.65kg
Package	Color box,30pcs/ctn

10W LED Flood Light



Input Voltage	100-240V AC 50/60Hz /DC12-24V
Power Factor	≥0.95
LED Power	10W
LED Luminous Flux	760-860lm
Average lilluminance	1m=75lux / 2M=22lux / 3M=12lux / Facula Area
CRI	>75
Beam Angle	100°
Color Temperature	Warm white / WW 2800-3500K
Neutral White	NW 4000-5000K
Pure White	CW 5500-7000K
R/g/b/other Optional	Operational condition
Temperature	-30
Humidity	10%-90%RH
Net Weight	0.51kg
Package	Color box,30pcs/ctn
Mounting Height	Suitable for 8~10mheight
Certificate	.

20W Rechargeable Emergency LED Flood Light

Part number: CRFL-RE-02



P/N	CRFL-RE-02
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	215X185X285mm
Inner Box Size	211X201X240mm
Carton Size	450X415X500mm
Packing Quantity	8PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

20W PIR Motion Sensor LED Flood Light



Input Voltage	100-240V AC 50/60Hz
Power Factor	≥0.95
LED Power	20W
LED Luminous Flux	1700-1900lm
Average lilluminance	2m=110lux / 3M=50lux / 4M=30lux / Facula Area
CRI	>75
Beam Angle	100°,50 °
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C / ~50
Humidity	10%-90%RH
Min	5sec Max:6min±2min
Height	2m-4.5m
Net Weight	2.13kg
Package	Color box,6pcs/ctn

20W LED Flood Light



Input Voltage	100-240V AC 50/60Hz / DC12-24V
Power Factor	≥0.95
LED Power	20W
LED Luminous Flux	1800-1900lm
Average Illuminance	4m=40lux / 5M=20lux / 6M=18ux / Facula Area
CRI	>75
Beam Angle	100°
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C
Humidity	10%-90%RH
Net Weight	2.5kg
Package	Color box,6pcs/ctn
Mounting Height	Suitable for 8~10mheight
Certificate	·

10W Dimmable Rechargeable LED Flood Light

Part number: CRFL-RE-03



P/N	CRFL-RE-03
Light Source	High power integrated LED
Luminous Flux	800~900lm
Charging Time	About 5 hours
Working Time	About 3~12 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	145X160X240mm
Inner Box Size	178X178X171mm
Carton Size	360X370X560mm
Packing Quantity	12PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

30W PIR Motion Sensor LED Flood Light



Input Voltage	100-240V AC 50/60Hz
Power Factor	≥0.95
LED Power	30W
LED Luminous Flux	2550-2850lm
Average lilluminance	2m=155lux / 3M=75lux / 4M=45lux / Facula Area
CRI	>75
Beam Angle	100°,50 °
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C / ~50
Humidity	10%-90%RH
Min	5sec Max:6min±2min
Height	2m-4.5m
Net Weight	2.14kg
Package	Color box,6pcs/ctn

30W LED Flood Light



Input Voltage	100-240V AC 50/60Hz / DC12-24V
Power Factor	≥0.95
LED Power	30W
LED Luminous Flux	2550-2700lm
Average lilluminance	4m=121ux / 5M=71lux / 6M=41.5lux / Facula Area
CRI	>75
Beam Angle	100°
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C
Humidity	10%-90%RH
Net Weight	2.5kg
Package	Color box,6pcs/ctn
Mounting Height	Suitable for 8~10mheight
Certificate	•

20W Dimmable Rechargeable LED Flood Light

Part number: CRFL-RE-04



P/N	CRFL-RE-04
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Charging Time	About 5hours
Working Time	About 3~12 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	215X185X285mm
Inner Box Size	211X201X240mm
Carton Size	450X415X500mm
Packing Quantity	8PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

50W PIR Motion Sensor LED Flood Light



Input Voltage	100-240V AC 50/60Hz
Power Factor	≥0.95
LED Power	50W
LED Luminous Flux	4250-4750lm
Average lilluminance	4m=80lux / 6M=35lux / 8M=18lux / Facula Area
CRI	>75
Beam Angle	100°,50 °
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C / ~50
Humidity	10%-90%RH
Min	5sec Max:6min±2min
Height	2m-4.5m
Net Weight	2.98kg
Package	Color box,4pcs/ctn

50W LED Flood Light



Input Voltage	100-240V AC 50/60Hz /DC12-24V
Power Factor	≥0.95
LED Power	50W
LED Luminous Flux	4350-4500lm
Average Illuminance	4m=174lux / 5M=102lux / 8M=30lux / Facula Area
CRI	>75
Beam Angle	100°
Color Temperature	Warm white WW 2800-3500K / Neutral white NW 4000-5000K / Pure white CW 5500-7000K
Operational Condition	Temperature:-30 / °C
Humidity	10%-90%RH
Net Weight	4.5kg
Package	Color box,4pcs/ctn
Mounting Height	Suitable for 8~10mheight
Certificate	·

20W Dimmable 24-Hour Rechargeable LED Flood Light

Part number: CRFL-RE-05



P/N	CRFL-RE-05
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Charging Time	About 10hours
Working Time	About 8~24 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	215X185X285mm
Inner Box Size	211X201X240mm
Carton Size	450X415X500mm
Packing Quantity	8PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

10W Rechargeable LED Flood Light With Replaceable Battery

Part number: CRFL-RE-06



P/N	CRFL-RE-06
Light Source	High power integrated LED
Luminous Flux	800~900lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 hours (4.4Ah Battery) / About 6 hours (5.2Ah Battery)
Working Time	About 3 hours (4.4Ah Battery) / About 6 hours (5.2Ah Battery)
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	145X175X240mm
Inner Box Size	210X153X160mm
Carton Size	480X440X340mm
Packing Quantity	12PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

5W Rechargeable LED Flood Light With Replaceable Battery

Part number: **CRFL-RE-07**



P/N	CRFL-RE-07
Light Source	High power integrated LED
Luminous Flux	400~450lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 hours (2.2Ah Battery) / About 6 hours (4.4Ah Battery)
Working Time	About 3 hours (2.2Ah Battery) / About 6 hours (4.4Ah Battery)
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	145X175X240mm
Inner Box Size	210X153X160mm
Carton Size	480X440X340mm
Packing Quantity	12PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

20W Portable Rechargeable LED Flood Light

Part number: CRFL-RE-08



P/N	CRFL-RE-08
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 Hours (8.8Ah Battery) / About 10 Hours (12Ah Battery)
Working Time	About 3 Hours (8.8Ah Battery) / About 8 Hours (12Ah Battery)
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	215X185X285mm
Inner Box Size	211X201X240mm
Carton Size	450X415X500mm
Packing Quantity	8PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

20W RGB Rechargeable LED Flood Light

Part number: CRFL-RE-09



P/N	CRFL-RE-09
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 Hours
Working Time	About 3 Hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	215X185X285mm
Inner Box Size	211X201X240mm
Carton Size	450X415X500mm
Packing Quantity	8PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

10W RGB Rechargeable LED Flood Light

Part number: CRFL-RE-10



P/N	CRFL-RE-10
Light Source	High power integrated LED
Luminous Flux	800~900lm
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	145X175X240mm
Inner Box Size	210X153X160mm
Carton Size	480X440X340mm
Packing Quantity	12PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

10W PIR Rechargeable LED Flood Light

Part number: CRFL-RE-11



P/N	CRFL-RE-11
Light Source	High power integrated LED
Luminous Flux	800~900lm
Working Mode	PIR
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	145X175X240mm
Inner Box Size	210X153X160mm
Carton Size	480X440X340mm
Packing Quantity	12PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle

20W PIR Rechargeable LED Flood Light

Part number: CRFL-RE-12



P/N	CRFL-RE-12
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Working Mode	PIR
Recharge Input Voltage	DC 12/24V
Charging Time	About 5 Hours
Working Time	About 3 Hours
Color Temperature	2700~3500K / 4000~4500K / 5500~6500K
Color Rendering Index	Ra>70
Beam Angle	120°
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Unit Dimension	215X185X285mm
Inner Box Size	211X201X240mm
Carton Size	450X415X500mm
Packing Quantity	8PCS/CTN
Warranty	2 Years or 500 Times Charging Cycle