

LED Flood Lights

Twenty flood light references in three families: fixed mains units, PIR sensor units that only run when something moves, and battery flood lights that keep working when the supply does not.

20 references. Every figure below is reproduced from the manufacturer's own documentation for that reference; where a table is absent, no specification was published.

10W Battery Case Replaceable - P/N CRFL-RE-06

Portable Rechargeable Flood Lights

Power Consumption	10W
Light Source	High power integrated LED
Luminous Flux	800~900lm
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 4.4Ah Lithium Battery
Charging Time	About 5 hours (4.4Ah Battery)
Working Time	About 3 hours (4.4Ah Battery)
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP44
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz
Charging Temperature	0°C to 40°C

10W Dimmable Flood Light - P/N CRFL-RE-03

Portable Rechargeable Flood Lights

Power Consumption	10W
Light Source	High power integrated LED
Luminous Flux	800~900lm
Function	Brightness Dimmable 0~100%
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 4.4Ah Lithium Battery
Charging Time	About 5 hours
Working Time	About 3~12 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

10W Emergency Flood Light - P/N CRFL-RE-01

Portable Rechargeable Flood Lights

Power Consumption	10W
Light Source	High power integrated LED
Luminous Flux	800~900lm
Emergency Mode	RED light flashing
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 4.4Ah Lithium Battery
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

10W PIR Flood Light - P/N CRFL-RE-11

Portable Rechargeable Flood Lights

Power Consumption	10W
Light Source	High power integrated LED
Luminous Flux	800~900lm
Working Mode	PIR
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 4.4Ah Lithium Battery
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

10W RGB Flood Light - P/N CRFL-RE-10

Portable Rechargeable Flood Lights

Power Consumption	10W
Light Source	High power integrated LED
Luminous Flux	800~900lm
Recharge Input Voltage	DC 12/24V

Battery Type	7.4V, 4.4Ah Lithium Battery
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz
Charging Temperature	0°C to 40°C

20W Dimmable 24Hours Flood Light - P/N CRFL-RE-05

Portable Rechargeable Flood Lights

Power Consumption	20W
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Function	Brightness Dimmable 0~100%
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 12Ah Lithium Battery
Charging Time	About 10hours
Working Time	About 8~24 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

20W Dimmable Flood Light - P/N CRFL-RE-04

Portable Rechargeable Flood Lights

Power Consumption	20W
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Function	Brightness Dimmable 0~100%
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 8.8Ah Lithium Battery
Charging Time	About 5hours
Working Time	About 3~12 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70

Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

20W Emergency Flood Light - P/N CRFL-RE-02

Portable Rechargeable Flood Lights

Power Consumption	20W
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Emergency Mode	RED light flashing
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 8.8Ah Lithium Battery
Charging Time	About 5 hours
Working Time	About 3 hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

20W Flood Light - P/N CRFL-RE-08

Portable Rechargeable Flood Lights

Power Consumption	20W
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 8.8Ah Lithium Battery
Charging Time	About 5 Hours (8.8Ah Battery)
Working Time	About 3 Hours (8.8Ah Battery)
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	40,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%

Adapter	Input 100~240Vac 50/60Hz
Charging Temperature	0°C to 40°C

20W PIR Flood Light - P/N CRFL-RE-12

Portable Rechargeable Flood Lights

Power Consumption	20W
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Working Mode	PIR
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 8.8Ah Lithium Battery
Charging Time	About 5 Hours
Working Time	About 3 Hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz

20W RGB Flood Light - P/N CRFL-RE-09

Portable Rechargeable Flood Lights

Power Consumption	20W
Light Source	High power integrated LED
Luminous Flux	1600~1800lm
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 8.8Ah Lithium Battery
Charging Time	About 5 Hours
Working Time	About 3 Hours
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP65
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz
Charging Temperature	0°C to 40°C

5W Battery Case Replaceable Flood Light - P/N CRFL-RE-07

Portable Rechargeable Flood Lights

Power Consumption	5W
Light Source	High power integrated LED
Luminous Flux	400~450lm
Recharge Input Voltage	DC 12/24V
Battery Type	7.4V, 2.2Ah Lithium Battery
Charging Time	About 5 hours (2.2Ah Battery)
Working Time	About 3 hours (2.2Ah Battery)
Color Temperature	2700~3500K
Color Rendering Index	Ra>70
Beam Angle	120°
Material of Housing	Aluminum & Iron
Color of Housing	Grey, Green, Red, Yellow, Black
IP Level	IP44
Life Span	50,000 Hours
Operating Temperature	-25°C to 50°C
Humidity	0~90%
Adapter	Input 100~240Vac 50/60Hz
Charging Temperature	0°C to 40°C

10W PIR LED FLOOD LIGHT

PIR Sensor Flood Lights

Model	CRFL-100W3X-PIR-FF
Power consumption(W)	12WMax
Input Voltage	100-240V AC 50/60Hz
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	30W
LED luminous flux	760-860lm
Average lilluminance	1m=289lux 2M=72lux 3M=32lu
Facula Area	2M=3.5x3.5M 3M=6.5x6.5M 4M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Detection range	120°
Detection distance	12m
Time-delay	Min:5sec Max:6min±2min
Ambient-light	<3Lux-2000Lux
Installation	height:2m-4.5m

20W PIR LED FLOOD LIGHT

PIR Sensor Flood Lights

Model	CRFL-200W3X-PIR-FF
Power consumption(W)	25WMax
Input Voltage	100-240V AC 50/60Hz
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	20W

LED luminous flux	1700-1900lm
Average lilluminance	2m=110lux 3M=50lux 4M=30lux
Facula Area	2M=3.5x3.5M 3M=6.5x6.5M 4M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Detection range	120°
Detection distance	12m
Time-delay	Min:5sec Max:6min±2min
Ambient-light	<3Lux-2000Lux
Installation	height:2m-4.5m

30W PIR LED FLOOD LIGHT

PIR Sensor Flood Lights

Model	CRFL-300W3X-PIR-FF
Power consumption(W)	35WMax
Input Voltage	100-240V AC 50/60Hz
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	30W
LED luminous flux	2550-2850lm
Average lilluminance	2m=155lux 3M=75lux 4M=45lux
Facula Area	2M=3.5x3.5M 3M=6.5x6.5M 4M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Detection range	120°
Detection distance	12m
Time-delay	Min:5sec Max:6min±2min
Ambient-light	<3Lux-2000Lux
Installation	height:2m-4.5m

50W PIR LED FLOOD LIGHT

PIR Sensor Flood Lights

Model	CRFL-500W3X-PIR-FF
Power consumption(W)	55WMax
Input Voltage	100-240V AC 50/60Hz
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	50W
LED luminous flux	4250-4750lm
Average lilluminance	4m=80lux 6M=35lux 8M=18lux
Facula Area	4M=9x9M 6M=14x14M 8M=19x19M
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 ■ ~50 ■ Humidity:10%-90%RH
Detection range	120°
Detection distance	12m
Time-delay	Min:5sec Max:6min±2min
Ambient-light	<3Lux-2000Lux
Installation	height:2m-4.5m

10W LED FLOODLIGHT

Standard Flood Lights

Model	CRFL-100W3X-FF
Power consumption(W)	12WMax
Input Voltage	100-240V AC 50/60Hz /DC12-24V
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	10W
LED luminous flux	760-860lm
Average lilluminance	1m=75lux 2M=22lux 3M=12ux
Facula Area	1M=3.5x3.5M 2M=6.5x6.5M 3M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Product Dimension(mm)	L115xW85xH130
Net Weight	0.51kg
Package	Color box,30pcs/ctn

20W LED FLOODLIGHT

Standard Flood Lights

Model	CRFL-200W3X-FF
Power consumption(W)	24WMax
Input Voltage	100-240V AC 50/60Hz / DC12-24V
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	20W
LED luminous flux	1800-1900lm
Average lilluminance	4m=40lux 5M=20lux 6M=18ux
Facula Area	4M=3.5x3.5M 5M=6.5x6.5M 6M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Product Dimension(mm)	L250xW205xH155
Net Weight	2.5kg
Package	Color box,6pcs/ctn

30W LED FLOODLIGHT

Standard Flood Lights

Model	CRFL-300W3X-FF
Power consumption(W)	35WMax
Input Voltage	100-240V AC 50/60Hz / DC12-24V
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	30W
LED luminous flux	2550-2700lm
Average lilluminance	4m=121ux 5M=71lux 6M=41.5lux
Facula Area	4M=4.5x4.5M 5M=6.5x6.5M 6M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Product Dimension(mm)	L250xW205xH155
Net Weight	2.5kg
Package	Color box,6pcs/ctn

50W LED FLOODLIGHT

Standard Flood Lights

Model	CRFL-500W3X-FF
Power consumption(W)	55WMax
Input Voltage	100-240V AC 50/60Hz /DC12-24V
Power factor	≥0.95
Power Efficiency	≥85%
LED Power	50W
LED luminous flux	4350-4500lm
Average lilluminance	4m=174ux 5M=102lux 8M=30lux
Facula Area	4M=4.5x4.5M 5M=6.5x6.5M 8M=9.5x9.5M
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 ■ ~50 ■ Humidity:10%-90%RH
Product Dimension(mm)	L310xW247xH180
Net Weight	4.5kg
Package	Color box,4pcs/ctn