

ATEX

CERTIFIED

FLOODLIGHTS



Brightman™
design efficiency



TECHNICAL DATA 40W

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	24pcs
LED Power	40W
Led Luminous Efficiency	120lm /W
Luminous Flux	4,800lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Beam Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 200mm, W = 200mm, H = 270mm
Net weight	4Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup



TECHNICAL DATA **60W**

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	36pcs
LED Power	60W
Led Luminous Efficiency	120lm /W
Luminous Flux	7,200lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Bean Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 200mm, W = 200mm, H = 270mm
Net weight	4.2Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup



TECHNICAL DATA **80W**

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	60pcs
LED Power	80W
Led Luminous Efficiency	120lm /W
Luminous Flux	9,600lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Bean Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 300mm, W = 300mm, H = 175mm
Net weight	7.5Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup



TECHNICAL DATA 100W

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	84pcs
LED Power	100W
Led Luminous Efficiency	120lm /W
Luminous Flux	12,000lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Bean Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 300mm, W = 300mm, H = 175mm
Net weight	7.5Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup



TECHNICAL DATA 120W

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	117pcs
LED Power	120W
Led Luminous Efficiency	120lm /W
Luminous Flux	14,500lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Bean Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 400mm, W = 400mm, H = 185mm
Net weight	11.5Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup



TECHNICAL DATA 150W

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	144pcs
LED Power	150W
Led Luminous Efficiency	120lm /W
Luminous Flux	18,000lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Bean Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 400mm, W = 400mm, H = 185mm
Net weight	11.5Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup



TECHNICAL DATA 185W

ATEX CERTIFIED EXPLOSION PROOF

Input Voltage	AC90-305V ~ 50/60 Hz
LED Chips	BridgeLux / Genesis Led chip
Driver	Mean Well
LED QTY	156pcs
LED Power	185W
Led Luminous Efficiency	120lm /W
Luminous Flux	22,200lm
Power Factor	>0.98
Colour Temperature	5700K, 4000K, 2700K
Colour Rendering Index	Ra≥70
Bean Angle	120° x 120°
Working Temperature	-30°C ~ 50°C
Working Humidity	15%~ 90% RH
IP Rating	IP68
Size	L = 400mm, W = 400mm, H = 185mm
Net weight	11.5Kg
Life-span	>100,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium ADC12
Lens	Super Clear Tempered Glass
Housing Colour	Yellow, Grey, White or custom color
Available Options	Emergency Battery Backup

