

BRILLIANCE Floodlights



OUTDOOR SERIES



PRODUCT OVERVIEW

The **Brilliance Floodlights** are designed to withstand extreme weather conditions and deliver a powerful punch for their size. Each Brilliance Floodlight has an expected lifespan of 50,000 hours at an average operating temperature of 25°C, and is extremely easy to install, with basically no maintenance ever.

With its compatibility across all common voltage ranges from 90-264VAC, and durability versus price, the **Brilliance Floodlights** is one of the best value for money industrial grade LED floodlights available on the market today.

The Brilliance Floodlight is available in a variety of wattages with different lumen outputs and color temperatures to meet individual requirements. This durable, versatile range of energy efficient floodlights has numerous beam angles, including asymmetrical beam angles.

Quality comes standard...



Hours
LIFESPAN



IP65
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Mining Plants

Roof Lighting

Universities

Factories & Offices

Machine Lighting

Sport Fields

FEATURES

Die Cast Aluminium Heatsink

Flicker Free

Tempered Glass Cover

Anodized or Powder Coated

Certification: CE, RoHS

Stainless 30° Tilt Bracket

Uniform Light spread

Bluetooth enabled controller

Lifetime 50, 000hrs

CONSTRUCTION DETAILS

Aluminium Housing

Glass Lens

Black/Silver/White Finish

IP65 Ingress Protection

IK08 Impact Resistance

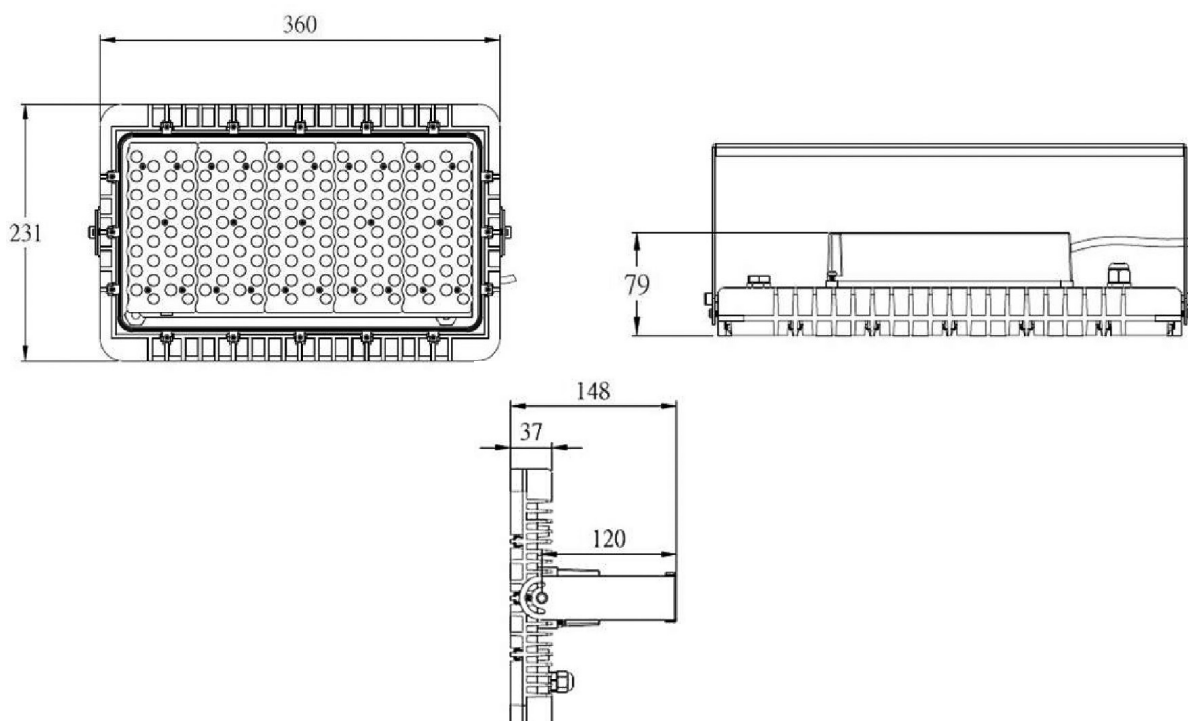
Brilliance Floodlights

TECHNICAL DATA | MINI

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm)	BEAM ANGLE	CRI	CCT (K)
BLFL045/*/**	90-264	45	5625	15°/30°/60°/85°/120°/135°X60°	>80	2700-6500
BLFL060/*/**	90-264	60	7500	15°/30°/60°/85°/120°/135°X60°	>80	2700-6500
BLFL085/*/**	90-264	85	10625	15°/30°/60°/85°/120°/135°X60°	>80	2700-6500
BLFL105/*/**	90-264	105	13125	15°/30°/60°/85°/120°/135°X60°	>80	2700-6500
BLFL135/*/**	90-264	1357	16875	15°/30°/60°/85°/120°/135°X60°	>80	2700-6500



DIMENSIONAL DATA



PRODUCT OVERVIEW | MEGA SERIES

The **AL TSA Mega Series Floodlight** is by far the most technologically advanced floodlight in the industry. It can be used as a floodlight, spotlight, highbay or wash-light and it can be used for just about any application imaginable, at any height and at any angle.

With light output of up to 130lm/W and life expectancy of > 60,000 hours, the Mega Series Floodlight stands out from the crowd. This feature packed beast is not only dimmable, but can be controlled by the DALI digital dimming system, which is so advanced that it can automatically control the light intensity from a computer or programmable dimmer. The Mega Series is Neutroni Blue tech ready, allowing you to control it from your Bluetooth enabled Android Phone or Tablet.

Brilliance Floodlights

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm)	BEAM ANGLE	CRI	CCT (K)
Professional Series Nichia Chipset						
BLCP200/*/**	90-264	200	24000	15°/30°/60°/80°/90°/110°	>80	3000-6000
BLCP220/*/**	90-264	220	24200	15°/30°/60°/80°/90°/110°	>80	3000-6000
BLCP250/*/**	90-264	250	27500	15°/30°/60°/80°/90°/110°	>80	3000-6000
BLCP280/*/**	90-264	280	30800	15°/30°/60°/80°/90°/110°	>80	3000-6000
BLCP420/Twin	90-264	420	40000-44500	22°/38°/45°/60°	>80	3000-6000
BLCP560/Twin	90-264	560	56000-60000	22°/38°/45°/60°	>80	3000-6000
Simple Series						
BLCS30/*/**/	90-264	30	3450	60°/90°/110°/70°x140°	>80	3000-6000
BLCS60/*/**/	90-264	60	7200	60°/90°/110°/70°x140°	>80	3000-6000
BLCS90/*/**/	90-264	90	10800	60°/90°/110°/70°x140°	>80	3000-6000
BLCS120/*/**/	90-264	120	14440	60°/90°/110°/70°x140°	>80	3000-6000
BLCS150/*/**/	90-264	150	16500	60°/90°/110°/70°x140°	>80	3000-6000
BLCS180/*/**/	90-264	180	21600	60°/90°/110°/70°x140°	>80	3000-6000
Standard Series Osram Chipset						
BLCSS45/*/**/	90-264	45	4000	15°/30°/60°/85°	>80	3000-6000
BLCSS60/*/**/	90-264	60	5700	15°/30°/60°/85°	>80	3000-6000
BLCSS85/*/**/	90-264	85	8100	15°/30°/60°/85°	>80	3000-6000
BLCSS105/*/**/	90-264	105	9400	15°/30°/60°/85°	>80	3000-6000
BLCSS135/*/**/	90-264	135	12000	15°/30°/60°/85°	>80	3000-6000
BLCSS150/*/**/	90-264	150	12300	15°/30°/60°/85°	>80	3000-6000
BLCSS210/*/**/	90-264	210	18000	15°/30°/60°/85°	>80	3000-6000
BLCSS270/Twin	90-264	270	24000	15°/30°/60°/85°	>80	3000-6000
BLCSS300/Twin	90-264	300	26000	15°/30°/60°/85°	>80	3000-6000
Compact Advanced						
BLCA220/*/**	90-305	220	28600	15°/30°/60°/80°/90°/110°	>80	2700-6500
BLCA250/*/**	90-305	250	27500	15°/30°/60°/80°/90°/110°	>80	2700-6500
BLCA280/*/**	90-305	280	36400	15°/30°/60°/80°/90°/110°	>80	2700-6500
Twin Standard						
BLTS210/*/**	120-277/347-480	210	27300	15°/30°/60°/80°/90°/110°	>80	2700-6500
BLTS270/*/**	120-277/347-480	270	35100	15°/30°/60°/80°/90°/110°	>80	2700-6500
BLTS300/*/**	120-277/347-480	300	39000	15°/30°/60°/80°/90°/110°	>80	2700-6500
Twin Professional						
BLTP420/*/**	120-277/347-480	420	54600	15°/30°/60°/80°/90°/110°	>80	2700-6500
BLTP560/*/**	120-277/347-480	560	72800	15°/30°/60°/80°/90°/110°	>80	2700-6500
Twin Advanced						
BLTA420/*/**	120-277/347-480	420	54600	15°/30°/60°/80°/90°/110°	>80	2700-6500
BLTA560/*/**	120-277/347-480	560	72800	15°/30°/60°/80°/90°/110°	>80	2700-6500



Brilliance Floodlights

MECHANICAL DATA

Humidity Range:	30-60%	
LED Brand:	Hongli 2835	
Number Of LED'S:	1500 (PCS)	
Operating Temperature:	-20°C ~ 50°C	
Housing Material:	Aluminium	
Lens Material:	Glass With IK08 Impact Resistance	
Housing Finish:	Black/White/Silver	
IP Rating	IP65	
Mounting Configuration:	Surface	
Glare Rating:	UGR 19	
Flicker&DLC Specification:	SVM<0.4	DLC V4.0

ELECTRICAL DATA

		FEATURES
Driver:	DONE	EMC Applicable
Electrical Class:	Class 1	
Nominal Voltage Range:	184 - 266 VAC	
Power Factor:	>0.90	
THD:	12%	
Surge Protection:	Standard 1000V- Optional 2750V	
Photocell:	External	
Cable Entry:	Bottom	

Brilliance Floodlights

DALI READY

The **ALTSA Mega Series Floodlight** support DALI control via an optional DAP-04 DALI-PWM controller. DAP-04 has 4 DALI channels that can connect with 4 separate meanwell 3 in 1 dimming lines to do PWM dimming control. Its scalable connections expand its application to many kinds of scenarios. The dimming range is from 1% to 100%. (**Alt**sa recommend not dimming lower than 3% to prevent LED's flickering).

By using either your PC or a 3rd party DALI controller, you can control multiple MeanWell drivers, connected in series, via the DALI bus, by using only one channel on the DAP-04 dimmer Module. You are also able to connect multiple DAP-04 dimmer modules in parallel to a single DALI controller for greater synchronous capabilities. Each channel on a DAP-04 module can control up to 20 meanwhile drivers simultaneously, therefore a total of 80 MeanWell drivers can be simultaneously controlled by a single DAP-04 module when connected in parallel. The DAP-04 module also supports "push-dimming", thereby allowing you to control it by using a simple bell press switch. This is an option if you do not want to use a 3rd party controller or your PC.

Neotroni BlueTech™ BTC-25 Smart Controller



FEATURES

- Remote On/Off, Dimming and scalable expansion
- Supports BlueTech Expansion modules (Power Meter), WiFi Internet Gateway, Wireless Relay and Remote Sensor)
- Individual Light Control
- Group Control
- Area/Group setup and editing
- Default Scenario memory setup
- Time Scheduling
- User privilege setup and editing
- Controller binding & De-binding
- QR Code Quick Binding (Simply scan the QR code of the controller you want to bind to the app)

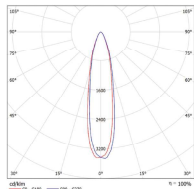
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SPECIFICATIONS

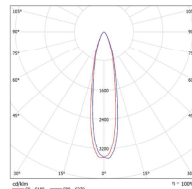
Radio Signal	Bluetooth 4.0, 2.4Ghz
Topology	CSR Mesh
DC Input	30-54VDC
LED Load Max. Current	5.8A
RX Sensitivity	-90dBm, Typical
TX Output Power	8dBm, Typical
Tx current consumption	35mA @3.3V, Typical
Rx current consumption	20mA @3.3V, Typical
Deep Sleep current	5.5µA @3.3V, Typical
Idle mode current	14mA @3.3V, Typical
Data Rate	1Mbps
Operation Frequency	2402 - 2480Mhz
Power Consumption	1W Typical @ Full loading
Operational Temperature	0-50°C
Certification	CE, FCC

ILLUMINATION DATA

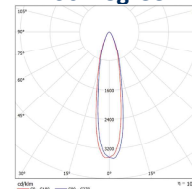
15 Degree



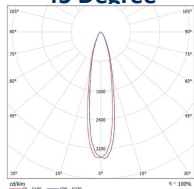
22 Degree



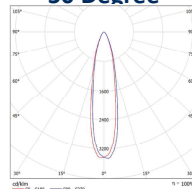
30 Degree



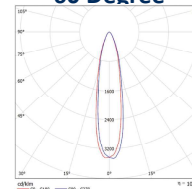
45 Degree



50 Degree



60 Degree



80 Degree

