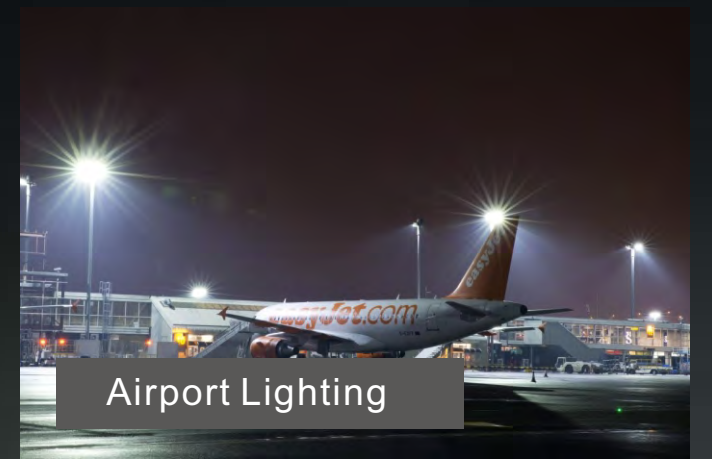




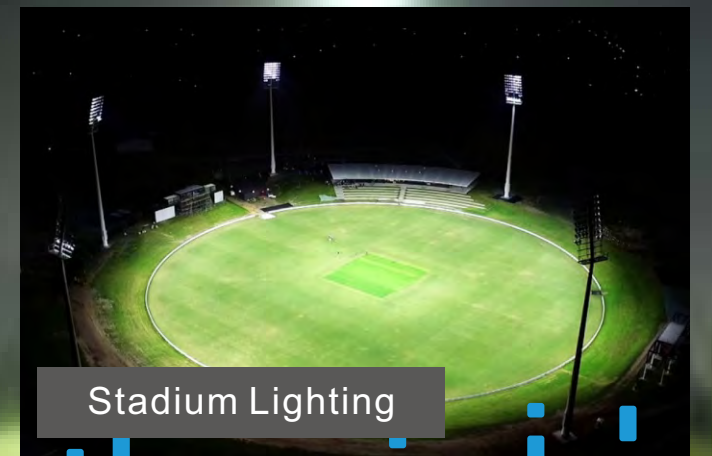
Wharf Lighting



Airport Lighting



Golf Lighting



Stadium Lighting



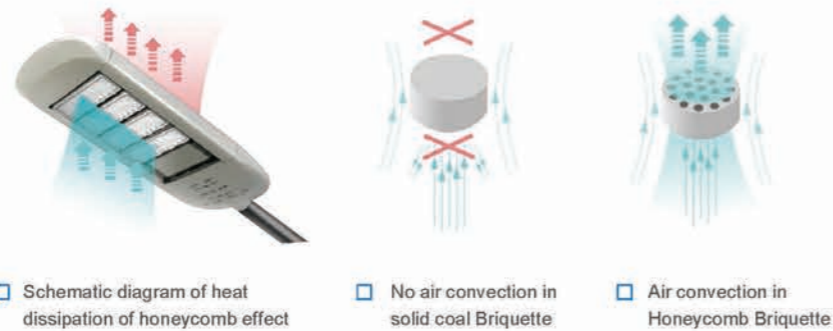
LEDestá

Contact: sales@ledesta.eu Tel: +370 600 93 111

TECHNICAL ADVANTAGES

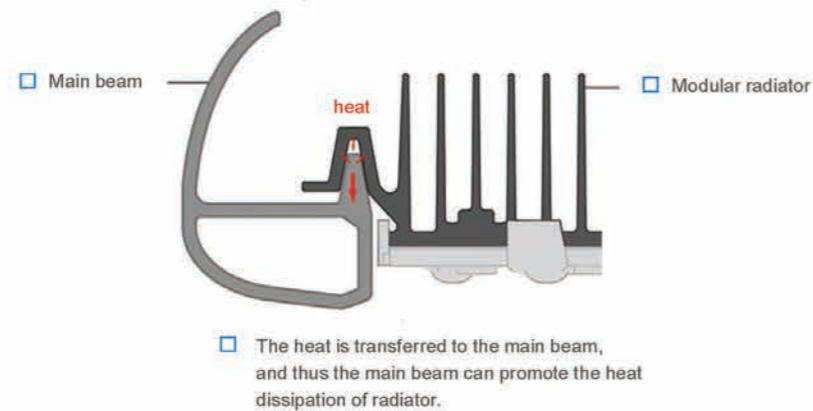
HEAT DISSIPATION OF HONEYCOMB BRIQUETTE EFFECT

It simulates and adopts the burning principle of honeycomb briquette; solid briquette burns slowly and inadequately due to the insulation of its center from outer air, the honeycomb structure enables coal to burn fast due to air convection, which is called the Honeycomb Briquette Effect. Similarly, it is available to transform the original whole block of radiator into various modules, as well as to enable air to convect and fully pass through the gaps between modules by utilizing the Honeycomb Briquette Effect, thus to dissipate the heat rapidly and reduce temperature by around 20 °C.



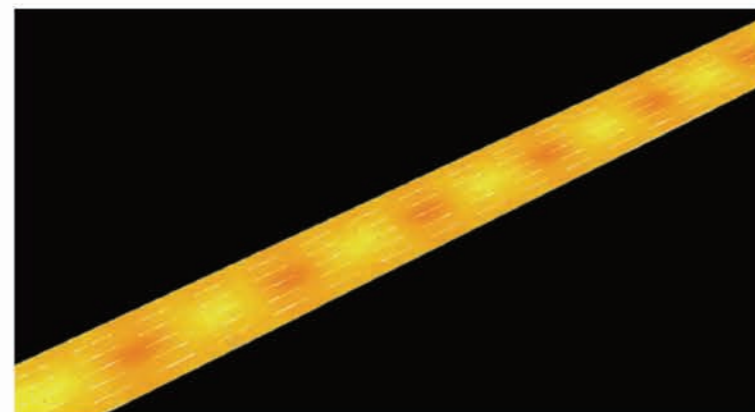
HEAT DISSIPATION OF THE WHOLE STRUCTURE

It is available to make clever use of the module bracket that only plays a supporting role, and to transform it to a "heat-conductive bracket" that is capable of conducting the module's heat to the lamp shell as a structural part, thus to promote the cooling effect of radiator of cooling module. The design aims to fully utilize the surface area of structural parts to transfer heat to air.



ERGONOMIC LIGHT DISTRIBUTION

The light and color scheme of its products complies with road operators' visual habits. The products adopt equal-brightness optical design in full consideration that it is unavailable to detect illumination by eyes because human eyes are sensitive to brightness, thus not only eliminating the visual bright spots and dark spots on road surface, but also bringing visual ease and comfort to road operators, as well as improving lighting illumination and obtaining accurate detected values.



TOOL-FREE MAINTENANCE

It adopts a special structural design to achieve the manual disassembly and installation of lighting components (mainly module and power supply), considering that the high-power lights are generally installed in high operating space, it's very necessary for the operators to take along as few tools as possible for their convenience and safety.



DOUBLE-COUPLING IP68 PROTECTION

It adopts the screw-free structure to avoid the penetration of water vapor through the screw hole, and its double silicon-rubber rings insulate LED chip from the outside environment completely, thus to protect inner LED chip and PCB from any corrosion caused by water vapor or other noxious gas.

In addition to tests under normal water, the Dye Penetrant Analysis of the couplings is applied. Put the module into 100 degree red boiling water for 30 minutes and then suddenly put it into the normal water to test whether the red ink permeates the couplings of the modules. Such tests will be repeated for 6 times in 3 hours. Thus, the results will show what IP rate it will reach. LEDestá modules have got a perfect IP68.



FREE SERIALIZATION

It is available to freely equip with different numbers of modules to achieve different powers as required.



TYPICAL CASES

FULL COVERAGE OF OUTDOOR LIGHTING APPLICATION



OVERVIEW OF HIGH-POWER APPLICATION SERIES

LED high-power applications, namely semiconductor lighting products, adopt LED as lighting source, and feature environmental protection, low power consumption, high luminous efficiency, as well as long life span. The LED high-power applications independently developed by LEDestá include LED street lights, LED tunnel lights, LED high bay lights, and LED spot lights / flood lights series.

LED Modules





■ MAIN FEATURES



- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for various tunnel and underpass applications;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- 360° adjustable mounting brackets.

■ TECHNICAL PARAMETERS

Input Voltage	100-277Vac						
Power factor	0.95						
Available CCT	3000K/4000K/5000K/5700K						
Module Type	L1/L2 series		L8 series			L16 series	
Photo							
Module Quantity	1	2	3	4	5	6	7
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	160W 200W 240W	200W 250W 300W	240W 300W 360W	280W 350W 420W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA		130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA			158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200mA	
Lighting distribution	TYPE I TYPE II 90° 110° See lighting distribution options on appendix						
Working Temperature	-40~+50℃						



■ MAIN FEATURES



- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for various tunnel and underpass applications;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Angle adjustable of ±60° with flexible brackets;
- Linear design, can be applied as a wall washer;
- Tempered glass over optical lens, easy for cleaning.

■ TECHNICAL PARAMETERS

Input Voltage	100-277Vac		
Power factor	0.95		
Available CCT	3000K/4000K/5000K/5700K		
Module Type	L1/L2 series		L8 series
Photo			
Module Quantity	1	2	3
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA		130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA
Lighting distribution	TYPE I TYPE II 90° 110° See lighting distribution options on appendix		
Working Temperature	-40~+50℃		

LS9 MODULAR LED TUNNEL LIGHTS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for various tunnel and underpass applications;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Angle adjustable with U-shape bracket;
- Integrated die-casting whole structure cooling system, compact mechanism;
- With reflector and driver built-in, an elegant design following traditional appearance;
- Tempered glass over optical lens, easy for cleaning.

CE CB RoHS



TECHNICAL PARAMETERS

Input Voltage	100-277Vac			
Power factor	0.95			
Available CCT	3000K/4000K/5000K/5700K			
Module Type	L7A-XA series	L7B-XA series	L7C-XA series	L7D-XA series
Photo				
Module Quantity	1		2	
Power	30W 40W 50W	60W 80W	80W 100W 120W	150W
Typical Luminous Efficacy	120±8lm/W@600mA	135±8lm/W@600mA	140±8lm/W@800mA 143±8lm/W@1000mA 130±8lm/W@1200mA	145±8lm/W@800mA 143±8lm/W@1000mA 140±8lm/W@1200mA 135±8lm/W@1000mA
Lighting distribution	TYPE I TYPE II 90° 110° See lighting distribution options on appendix			
Working Temperature	-40~+50℃			

LS1A MODULAR LED TUNNEL LIGHTS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for various tunnel and underpass applications;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Angle adjustable within ±60° with flexible brackets.

CE CB RoHS



TECHNICAL PARAMETERS

Input Voltage	100-277Vac						
Power factor	0.95						
Available CCT	3000K/4000K/5000K/5700K						
Module Type	L1/L2 series		L8 series			L16 series	
Photo							
Module Quantity	1	2	3	4	5	6	7
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	160W 200W 240W	200W 250W 300W	240W 300W 360W	280W 350W 420W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA		130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA			158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200mA	
Lighting distribution	TYPE I TYPE II 90° 110° See lighting distribution options on appendix						
Working Temperature	-40~+50℃						

AD21

MODULAR LED TUNNEL LIGHTS



CE RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for various tunnel and underpass applications;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Angle adjustable with U-shape bracket;
- Integrated die-casting whole structure cooling system, compact mechanism;
- With reflector and driver built-in, an elegant design following traditional appearance;
- Tempered glass over optical lens, easy for cleaning.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac
Power	30-240W
Power factor	0.95
Available CCT	3000K/4000K/5000K/5700K
LED Brand	Customized chips from world-leading supplier
Typical Luminous Efficacy	125-175lm/W
Lighting distribution	TYPE I TYPE II 25° 40° 60° 90° Lambert Type 40°x90°
Working Temperature	-40~+50°C
Installation diameter	40-44mm/55-65mm

LF2C

MODULAR LED FLOOD LIGHTS

LEDestá premium lighting



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for warehouse, workshop, hall lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Maximum 360° adjustable mounting brackets.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac							
Power factor	0.95							
Available CCT	3000K/4000K/5000K/5700K							
Module Type	L1/L2 series		L8 series			L16 series		
Photo								
Module Quantity	1	2	3	4	5	6	7	8
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	180W 200W 240W	200W 250W 300W	240W 300W 360W	280W 350W 420W	320W 400W 480W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA		130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA			158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200mA		
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°x90° 80°x40° 110°x40° See lighting distribution options on appendix							
Working Temperature	-40~+50°C							



CE CB RoHS



■ MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for stadium, building and area lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Effectively replaces HID products of 70-2000W.

■ TECHNICAL PARAMETERS

Input Voltage	100-277Vac											
Power factor	0.95											
Available CCT	3000K/4000K/5000K/5700K											
Module Type	L1/L2 series				L8 series				L16 series			
Photo												
Module Quantity	1	2	3	4	5	6	7	8	10	12	14	16
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	160W 200W 240W	200W 250W 300W	240W 300W 360W	280W 350W 420W	320W 400W 480W	400W 500W 600W	480W 600W 720W	560W 700W 840W	640W 800W 960W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA				130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA				158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200mA			
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°×90° 90°×40° 110°×40° See lighting distribution options on appendix											
Working Temperature	-40~+50℃											



CE CB RoHS ETL US



■ MAIN FEATURES

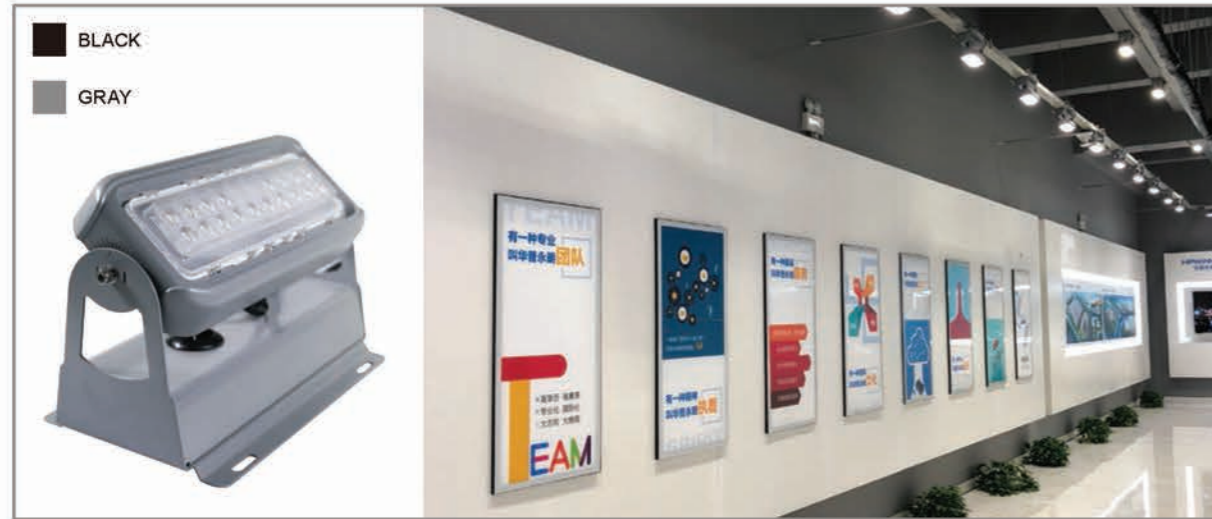
- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for stadium, building and area lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Optional stainless steel bracket for harsh environment;
- Upgraded and further simplified structure design;
- Angle adjustable within ±60° with mounting brackets.

■ TECHNICAL PARAMETERS

Input Voltage	100-277Vac											
Power factor	0.95											
Available CCT	3000K/4000K/5000K/5700K											
Module Type	L1/L2 series				L8 series				L16 series			
Photo												
Module Quantity	1	2	3	4	5	6	7	8	10	12	14	16
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	160W 200W 240W	200W 250W 300W	240W 300W 360W	280W 350W 420W	320W 400W 480W	400W 500W 600W	480W 600W 720W	560W 700W 840W	640W 800W 960W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA				130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA				158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200mA			
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°×90° 90°×40° 110°×40° See lighting distribution options on appendix											
Working Temperature	-40~+50℃											

LL6C

MODULAR LED FLOOD LIGHTS



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for building and area lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Unmatched lighting performance, driver stability and desirable lifespan;
- ±90° adjustable mounting bracket for easy installation.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac	
Power Factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
Power	40W-60W	
LED brand	Lumileds Luxeon TX	Lumileds Luxeon 3030
Typical Luminous Efficacy	105±5lm/W@700mA 100±5lm/W@860mA 95±5lm/W@1050mA	125±5lm/W@700mA 120±5lm/W@860mA 112±5lm/W@1050mA
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 110°×40° See lighting distribution options on appendix	
Working Temperature	-40~+50℃	

LEDestá
premium lighting

LL12A

MODULAR LED FLOOD LIGHTS



CE CB RoHS PS E



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for stadium, building and area lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Tilt bracket avoids light-blocking by itself;
- Mounting bracket adjustable in both vertical and horizontal directions;
- Thickened bracket to strengthen fixture mechanism;
- Effectively replaces HID products of 70-400W.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac		
Power factor	0.95		
Available CCT	3000K/4000K/5000K/5700K		
Module Type	L1/L2 series	L8 series	L16 series
Photo			
Module Quantity	1	2	3
Power	40W 50W 60W	80W 100W 120W	120W 150W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA	130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA	158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200mA
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°×90° 90°×40° 110°×40° See lighting distribution options on appendix		
Working Temperature	-40~+50℃		

LL15A MODULAR LED FLOOD LIGHTS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Compact light weight construction for easy handling and installation;
- Ergonomic and dedicated lighting distributions are available for various scenic area lighting, wall & billboard lighting, etc;
- Whole structure heating dissipation design;
- Angle adjustable within 360°;
- Optional knobs, anti-dropping ropes and stainless steel bracket.



TECHNICAL PARAMETERS

Input Voltage	100-240Vac	
Power	40W/50W/60W	
Power factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
Optics	With PC Lens	With Reflectors
Typical Luminous Efficacy	150±8lm/W@40W 143±8lm/W@50W 135±8lm/W@60W	142±8lm/W@40W 135±8lm/W@50W 128±8lm/W@60W
Lighting distribution	25° 60° 90° 90° x40°	60° x60° 80° x80° 80° x50°
	See lighting distribution options on appendix	
Working Temperature	-40~+50℃	

LL15B MODULAR LED FLOOD LIGHTS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Compact light weight construction for easy handling and installation;
- Ergonomic and dedicated lighting distributions are available for various scenic area lighting, wall & billboard lighting, etc;
- Whole structure heating dissipation design;
- Angle adjustable within 360°;
- Optional knobs, anti-dropping ropes and stainless steel bracket.



TECHNICAL PARAMETERS

Input Voltage	100-240Vac	
Power	80W/100W/120W	
Power factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
Optics	With PC Lens	With Reflectors
Typical Luminous Efficacy	158±8lm/W@80W 152±8lm/W@100W 145±8lm/W@120W	152±8lm/W@80W 145±8lm/W@100W 138±8lm/W@120W
Lighting distribution	25° 40° 60° 90° 120° 90° x40°	60° x60° 80° x80°
	See lighting distribution options on appendix	
Working Temperature	-40~+50℃	



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for stadium, building and area lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Angle adjustable within $\pm 60^\circ$ with mounting brackets.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac						
Power factor	0.95						
Available CCT	3000K/4000K/5000K/5700K						
Module Type	L1/L2 series		L8 series			L16 series	
Photo							
Module Quantity	1	2	3	4	5	6	7
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	160W 200W 240W	200W 250W 300W	240W 300W 360W	280W 350W 420W
Typical Luminous Efficacy	110 \pm 5lm/W@700mA 105 \pm 5lm/W@860mA 100 \pm 5lm/W@1050mA		130 \pm 5lm/W@700mA 125 \pm 5lm/W@860mA 117 \pm 5lm/W@1050mA			158 \pm 5lm/W@800mA 152 \pm 5lm/W@1000mA 145 \pm 5lm/W@1200 mA	
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°x90° 90°x40° 110°x40° See lighting distribution options on appendix						
Working Temperature	-40~+50°C						



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for stadium, building and area lighting, etc;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Angle adjustable within $\pm 360^\circ$ with mounting brackets.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac				
Power factor	0.95				
Available CCT	3000K/4000K/5000K/5700K				
Module Type	L31A-XA series		L31A-XB series		L31A-XC series
Photo					
Module Quantity	1	2	3	4	5
Power	40W 50W 60W	80W 100W 120W	120W 150W 180W	160W 200W	200W
Typical Luminous Efficacy	110 \pm 5lm/W@700mA 105 \pm 5lm/W@860mA 100 \pm 5lm/W@1050mA		158 \pm 5lm/W@800mA 152 \pm 5lm/W@1000mA		130 \pm 5lm/W@700mA
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°x90° 90°x40° 110°x40° See lighting distribution options on appendix				
Working Temperature	-40~+50°C				



MAIN FEATURES

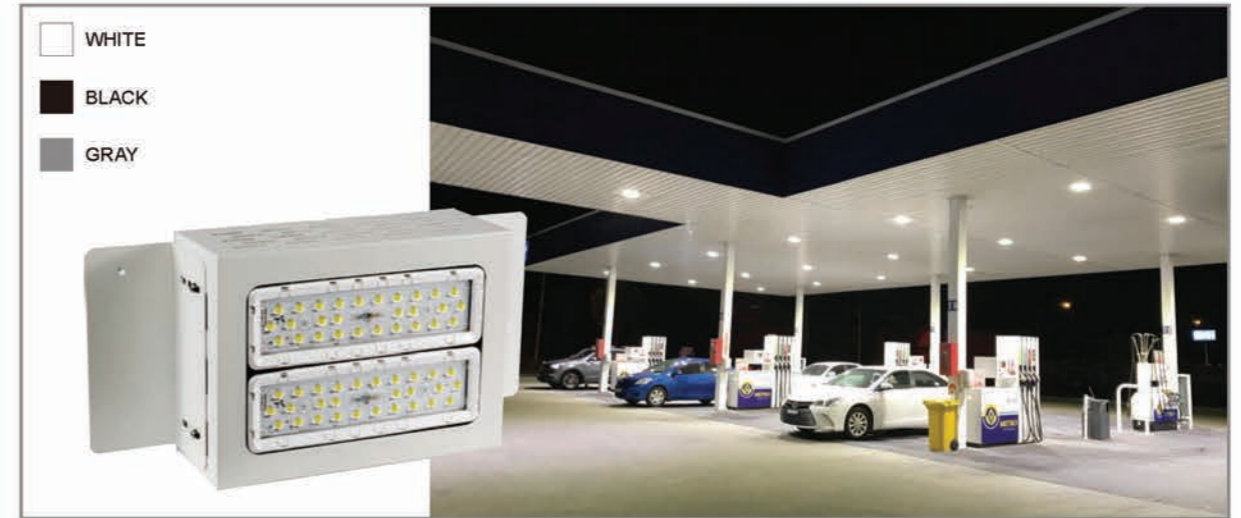
- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for gas station lighting;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Flexible to reach desired power selections by choosing appropriate light engines;
- Tool-free onsite replacements of light engines greatly reduce maintenance cost;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Customizable housing dimensions.

CE CB RoHS



TECHNICAL PARAMETERS

Input Voltage	100-277Vac		
Power factor	0.95		
Available CCT	3000K/4000K/5000K/5700K		
Module Type	L1/L2 series	L8 series	L16 series
Photo			
Module Quantity	2		3
Power	80W 100W 120W		120W 150W 180W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA	130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA	158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200 mA
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°×90° 90°×40° 110°×40° See lighting distribution options on appendix		
Working Temperature	-40~+50℃		



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for gas station lighting;
- Whole structure heating dissipation design with excellent thermal conduction, radiation and convection;
- Unmatched lighting performance, driver stability and desirable lifespan.

CE CB RoHS



TECHNICAL PARAMETERS

Input Voltage	100-277Vac		
Power factor	0.95		
Available CCT	3000K/4000K/5000K/5700K		
Power	80W-120W		
Module Quantity	1-2 Modules		
Module Type	L1/L2 series	L8 series	L16 series
Photo			
Module Quantity	1	2	3
Power	40W 50W 60W	80W 100W 120W	120W 150W
Typical Luminous Efficacy	110±5lm/W@700mA 105±5lm/W@860mA 100±5lm/W@1050mA	130±5lm/W@700mA 125±5lm/W@860mA 117±5lm/W@1050mA	158±5lm/W@800mA 152±5lm/W@1000mA 145±5lm/W@1200 mA
Lighting distribution	TYPE VS 12° 25° 40° 60° 90° 110° Lambert Type 40°×90° 90°×40° 110°×40° See lighting distribution options on appendix		
Working Temperature	-40~+50℃		

LL18A

MODULAR LED AIRPORT LIGHTS



CE RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for airport lighting;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Unmatched lighting performance, driver stability and desirable lifespan;
- Optimized industrial design against accumulation of water and dust
- IP66 rated electrical compartment.
- Tempered glass with impact resistance rating of IK09.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac	
Power factor	0.95	
Available CCT	3000K/4000K/5000K/5700K	
Power	500W	
Typical Luminous Efficacy	102±5lm/W@1750mA	140±8m/W@1300mA
Lighting distribution	12° 25° Sports Lighting See lighting distribution options on appendix	
Working Temperature	-40~+50°C	

LEDestá
premium lighting

LL19A

MODULAR LED STADIUM LIGHTS



CE CB RoHS



MAIN FEATURES

- Unique patented IP68 LED light engines;
- Ergonomic and dedicated lighting distributions available for sports facilities lighting;
- Whole structure heating dissipation design with excellent thermal conduction and radiation;
- Full power range solutions up to 1500W;
- Professional lighting distribution design for stadium applications;
- Optimized industrial design against accumulation of water and dust;
- Thickened stainless steel bracket and gear angle adjusting device ensure long-term stable performance;
- Mounting bracket 180°adjustable in both vertical and horizontal directions;
- Ra80,Ra90 chips are available to meet high lighting requirements;
- Optional IP66 driver box.

TECHNICAL PARAMETERS

Input Voltage	100-277Vac		
Power factor	0.95		
Available CCT	3000K/4000K/5000K/5700K		
Module Type	L25A-XA series		L25A-XB series
Photo			
Module Quantity	2	4	6
Module Type	300W 400W 500W	600W 800W 1000W	900W 1200W 1500W
Typical Luminous Efficacy	112±5lm/W@1000mA 107±5lm/W@1350mA 102±5lm/W@1750mA	147±8lm/W@800mA 140±8m/W@1050mA 132±8m/W@1300mA	
Lighting distribution	12° 25° Sports Lighting See lighting distribution options on appendix		
Working Temperature	-40~+40°C		